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March 10, 2010
264204.19.H2.01/PC386P117C

Ms. Carolyn d'Almeida
U.S. Environmental Protection Agency
75 Hawthorne Street, SFD-8-1
San Francisco, CA 94105

Subject: Addendum to ^{Notification} ~~Site~~ Characterization and Cleanup Action Summary Report for
Polychlorinated Biphenyl Site Building 386 AL#01, Investigation Area C2, Lennar
Mare Island, Vallejo, California

Dear Ms. d'Almeida:

CH2M HILL prepared this letter to comply with the Consent Agreement and Final Order (CA/FO) between the United States Environmental Protection Agency (USEPA) and the United States Department of the Navy (Navy), with the City of Vallejo and Lennar Mare Island, LLC (LMI) as intervenors (USEPA et al. 2001). The CA/FO sets forth the polychlorinated biphenyl (PCB)-related requirements that must be met to satisfy the Toxic Substances Control Act (TSCA) for LMI's Eastern Early Transfer Parcel, Vallejo, California.

On January 15, 2008, CH2M HILL submitted a Draft *Site Characterization and Cleanup Action Summary Report for Polychlorinated Biphenyl Site Building 386 AL#01, Investigation Area C2, Lennar Mare Island, Vallejo, California* (Implementation Report) to the USEPA (CH2M HILL 2008a). On June 9, 2008, Mr. Henry Chui of the State of California Environmental Protection Agency, Department of Toxic Substances Control (DTSC) and Ms. Gillian Semmer of CH2M HILL conducted a site visit at Building 386. During the site visit, Mr. Chui requested that CH2M HILL collect one characterization sample from each of the pits on the eastern side of Building 386. Samples were not requested from Pits 6, 10A, and 11 through 14. In an email to Mr. Chui dated July 16, 2008, Mr. Michael Sanchez of CH2M HILL indicated that characterization samples would be collected from Pits 1 through 5 and 8 through 10 in Building 386 (CH2M HILL 2008b) (Figure 2). A characterization sample was also collected from Pit 7, which was partially covered with plywood during initial site visits and was discovered in a subsequent site visit. In July and September 2008, CH2M HILL collected samples from the pits in Building 386. This Addendum to the Implementation Report (Addendum) describes the pit sampling, analytical results for the samples collected, and proposes additional cleanup actions at one of the pits. Paragraph 8(b)(2) of the CA/FO requires that the remaining total PCB concentrations do not exceed 10 milligrams per kilogram (mg/kg), and the average remaining total PCB concentration of the 95th percent upper confidence limit of the mean does not exceed 5 mg/kg to close the site under the alternative site cleanup requirements set forth in the CA/FO.

Background

Using visual site surveys and reviews of historical records, building closure reports, and databases of electrical equipment, the Navy identified sites where PCB-containing equipment was located, PCB spills were documented, or contamination was suspected because of building history or visible stains (Tetra Tech Environmental Management, Inc. [TtEMI] 1999). Navy personnel from Supervisor of Shipbuilding, Conversion and Repair, Portsmouth, Virginia, Environmental Detachment (SSPORTS), conducted interim PCB assessments and performed cleanup actions (e.g., washing, scabbling, and excavation) in accordance with technical work documents, where necessary. Following the SSPORTS interim PCB assessments and necessary cleanup actions, TtEMI personnel collected samples either to confirm the SSPORTS personnel findings that no cleanup was necessary or to determine the effectiveness of the cleanup actions.

Building 386 is located in Investigation Area C2, southeast of Bagley (formerly 14th) Street between Azuar Drive and Railroad Avenue (Figure 1). Building 386 was constructed in the early to mid-1920s as part of a superstructure (with Buildings 388, 390, and 382 and was used as a metalworking facility. Building 386 once contained oil-filled circuit breakers or oil-filled fuse cutouts that were removed by the Navy before CH2M HILL cleanup actions. Although adjacent Buildings 382, 388, and 390 have been leased to XKT Engineering, Inc., Building 386 is not currently leased and, according to the *Preliminary Land Use Plan* (SWA Group 2000), Building 386 is in an area designated for future industrial use.

One PCB site is associated with Building 386 and is listed in the Consent Agreement (LMI et al. 2001): AL#01, the ground floor in Building 386. A no further action (NFA) determination for PCB Site Building 386 AL#01 was requested in the Implementation Report (CH2M HILL 2008a).

During a site visit on June 9, 2008, Mr. Henry Chui of the DTSC requested that a minimum of one characterization sample each be collected from Pits 1 through 5 and 8 through 10, which are located along the eastern side of Building 386 (Figure 2). A characterization sample was also collected from Pit 7, which was partially covered with plywood during initial site visits and was discovered in subsequent site visits.

The following sections summarize the characterization sampling and the proposed cleanup actions at the pits in Building 386.

Nature of Contamination—40 CFR 761.61 (a)(3)(i)(A)

As described in Title 40 of the Code of Federal Regulations (40 CFR 761.61(c)(1)), information required by 40 CFR 761.61(a)(3) is included in the following sections. Prior to January 2008, 175 samples were collected from various media on the ground floor of Building 386 – 93 by SSSPORTS, 6 by TtEMI, and 76 by CH2M HILL personnel. Remaining detected PCB concentrations from the ground floor of Building 386 are all below 1 mg/kg. Total PCB concentrations in concrete chip samples collected in 2009 from the 10 pits exceed

the cleanup level of 1 mg/kg for solid media at PCB Site Building 386 AL#01 established in the Implementation Report in Pit 3.

Summary of Previous Sampling—40 CFR 761.61(a)(3)(i)(B)

Detailed descriptions of previous sampling and cleanup actions conducted prior to January 2008 are summarized in the Implementation Report (CH2M HILL 2008a). The Implementation Report includes analytical results for all previous samples collected from the ground floor of Building 386 following 17 removal areas from PCB Site Building 386 AL#01. Total PCB concentrations in samples collected in February and March 2008 following the 17 removal actions were below the cleanup goal of 1 mg/kg. Therefore, samples with detected PCB concentrations exceeding the cleanup goal, as described in this Addendum, are limited to those collected from Pit 3.

Additional Characterization Sampling

Table 1 summarizes the analytical results for characterization sampling collected between July 2008 and February 2009 from the pits in PCB Site Building 386 AL#01. The table includes the sample numbers, matrices, dates, total PCB concentrations (or laboratory reporting limits if PCBs were not detected) and the pit number. Characterization sampling locations in the pits in PCB Site Building 386 AL#01 are presented in Figures 2 and 3.

CH2M HILL personnel collected six concrete chip samples (B386AL01CS0801 through B386AL01CS0803 and B386AL01CS0806 through B386AL01CS0808) from the bottoms of Pits 1 through 3 and 8 through 10 in July 2008 (Figure 2). Because Pits 4 and 5 were filled with water and oil, respectively, one grab water sample (B680AL01CS0804) was collected from Pit 4 and one concrete chip sample (B680AL01CS0805) was collected from the side edge of Pit 5 (Figure 2). PCBs were detected in six of the seven concrete chip samples at total concentrations ranging from 0.021J (B386AL01CS0808) ("J" indicates an estimated concentration) to 7.5 mg/kg (B386AL01CS0803) (Table 1). PCBs were not detected at a total concentration above the laboratory reporting limit in water sample B386AL01CS0804 (Table 1). Total PCB concentrations in concrete samples collected from Pits 1, 2, 5, 8, and 10 were below the cleanup goal of 1 mg/kg. Total PCBs for the concrete sample from Pit 9 were reported as not detected at a reporting limit of 0.0042J mg/kg.

Because the total PCB concentration in sample B386AL01CS0803, which was collected from Pit 3, exceeded the cleanup goal of 1 mg/kg, additional evaluation of Pit 3 was performed. In September 2008, CH2M HILL personnel collected 10 additional concrete chip samples (B386AL01CS0809 through B386AL01CS0818) from locations of heaviest staining on the bottom and sidewalls in Pit 3 (Figure 3). PCBs were detected in these samples at total concentrations ranging from 0.066 (B386AL01CS0813) to 15 mg/kg (B386AL01CS0814) (Table 1). CH2M HILL personnel collected two additional concrete chip samples (B386AL01CS0819 and B386AL01CS0820) from the bottom of the western portion of Pit 3 (Figure 3). PCBs were detected in both of these samples at total PCB concentrations of 1.2 and 0.77 mg/kg, respectively (Table 1).

As part of remediation activities at Installation Restoration Program Site 21 (IR21) (CH2M HILL 2009), CH2M HILL simultaneously performed work at 11 pits in Building 386 in November and December 2008. NRC Environmental Services personnel, with CH2M HILL oversight, cleaned out the nine pits described above (Pits 1 through 5 and 7 through 10) and two additional pits, Pits 10A and 14. The cleaning included removing debris and pressure washing the 11 pits. Water and oil were removed from Pits 1, 2, 4, 5, 7, 10, 10A, and 14 prior to pressure washing. Debris was not observed in Pits 3, 8, or 9. Detailed descriptions of the cleaning, sampling, and disposal of the water and sediment performed during those remediation activities are presented in the *Final Feasibility Study/Remedial Action Work Plan for IR21 and the Buildings 386, 388, and 390 Area* (CH2M HILL 2009). Pit 3 was pressure washed on January 13 through January 15, 2009. Pit floors, sidewalls, an 18.5-foot-deep floor vault, and visibly stained areas were pressure washed twice. Ancillary equipment associated with a steam-powered hydraulic forge formerly located in Pit 3 was still present in the southwest portion of the pit during pressure-washing activities. All horizontal and vertical accessible concrete surfaces around the ancillary equipment were pressure washed and scrubbed with an industrial-strength surfactant.

In January 2009, after the water and oil were pumped out of the pits and the pits were pressure washed, CH2M HILL personnel collected three concrete chip samples (B386PIT4CS0801, B386PIT5CS0802, and B386PIT7CS0803) from the floor of Pits 4, 5, and 7, respectively (Figure 2). PCBs were not detected at concentrations above laboratory reporting limits of 0.0044, 0.005J, and 0.005 mg/kg, respectively, in these samples (Table 1).

On January 15, 2009, CH2M HILL personnel collected one concrete chip sample (B386PIT3CS0821) from the bottom of the 18.5-foot vault in Pit 3 (Figure 3). PCBs were detected at a total concentration of 0.059 mg/kg in sample B386PIT3CS0821 (Table 1).

On February 10, 2009, CH2M HILL personnel collected 15 concrete chip samples (B386PIT3CS0822 through B386PIT3CS0836) from sidewalls and floors in Pit 3 after pressure washing (Figure 3). PCBs were detected in all 15 samples at total concentrations ranging from 1.4 (B386PIT3CS0836) to 30 mg/kg (B386 PIT3CS0827) (Table 1). The maximum total PCB concentration of 30 mg/kg (B386PIT3CS0827) was detected in a sample collected from the north sidewall of Pit 3 (Figure 3). Only one floor sample (B386PIT3CS0834) collected after pressure washing contained a total PCB concentration (19 mg/kg) greater than 10 mg/kg.

Location and Extent of Contaminated Area—40 CFR 761.61(a)(3)(i)(C)

During sampling activities at Pit 3 in 2009, the concrete was determined to have a minimum thickness of 12 inches. There are no visible pathways for migration of PCBs to soil or groundwater. The only pit requiring additional cleanup actions is Pit 3. Total PCB concentrations greater than the cleanup goal of 10 mg/kg were detected from three areas of Pit 3: the western floor of Pit 3 north of the previously removed equipment, the north sidewall, and the south sidewall. PCBs were detected in concrete chip samples collected from nine

locations in three areas of Pit 3 at total PCB concentrations greater than 10 mg/kg: B386PIT3CS0834 (19 mg/kg), B386PIT3CS0823 (15 mg/kg), B386PIT3CS0824 (23 mg/kg), B386PIT3CS0827 (30 mg/kg), B386PIT3CS0828 (14 mg/kg), B386PIT3CS0829 (17 mg/kg), B386PIT3CS0830 (23 mg/kg), B386PIT3CS0832 (11 mg/kg), and B386PIT3CS0833 (14 mg/kg) (Table 1, Figure 3).

Proposed Cleanup Plan—40 CFR 761.61(a)(3)(i)(D)

The proposed cleanup actions at Pit 3 are as follows:

- Remove concrete from the entire north sidewall at sample locations B386PIT3CS0822 through B386PIT3CS0827
- Remove concrete from the entire south sidewall at sample locations B386PIT3CS0828 through B386PIT3CS0833
- Remove concrete from an approximately 5- by 5-foot area around bottom sample location B386PIT3CS0834 (19 mg/kg)

These cleanup actions target total PCB concentrations exceeding 10 mg/kg. Verification samples will be collected from the three concrete removal areas in Pit 3: the north sidewall, south sidewall, and west floor (Figure 3). Six discrete verification concrete chip samples will be collected from each of the north and south sidewalls, and four discrete verification concrete chip samples will be collected from the 5-by 5-foot removal area. Concrete removal is planned to continue until total PCB concentrations in all samples of concrete from Pit 3 are equal to less than 10 mg/kg and the average PCB concentration, based on the 95 percent upper confidence limit, is equal to or less than 5 mg/kg (USEPA et al. 2001).

Cleanup actions will be performed in accordance with the *Final Polychlorinated Biphenyl Work Plan, Lennar Mare Island, Vallejo, California* (PCB Work Plan) (CH2M HILL 2003). Verification samples will be analyzed in accordance with the *Quality Assurance Project Plan, Lennar Mare Island, Vallejo, California* (CH2M HILL 2001) using USEPA Method SW8082. Health and safety will be maintained in accordance with the *Health and Safety Plan for PCB Site Sampling and Remediation* (Appendix A to the PCB Work Plan). Standard operating procedures for the fieldwork and issues regarding permits, notifications, and site security, access, restoration, and demobilization were addressed in the PCB Work Plan.

PCB-containing wastes generated from cleanup activities will be disposed offsite in a Class I landfill. Historical documents did provide information on the concentrations of PCBs in the oil-filled circuit breakers or oil-filled fuse cutouts or the dates this equipment was removed from the Building. Therefore, final disposition of the waste will be determined using the results of waste characterization samples. PCB waste will be managed in accordance with CH2M HILL's Health, Safety, and the Environment Standard Operating Procedure 82 (HSE-82), which was provided in the PCB Work Plan.

Polychlorinated Biphenyl Site Closure Process

According to the PCB Work Plan (CH2M HILL 2003) and under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and TSCA, NFA is appropriate at a site if no potential source and no PCB contamination are present. Even if a potential source or PCB contamination are present in machinery or building materials, NFA is appropriate under CERCLA if there has been no release of PCBs to soil or groundwater (CH2M HILL 2003); such sites will be evaluated under TSCA for site closure in accordance with the CA/FO (USEPA et al. 2001). If there has been a known release to soil or groundwater, NFA is also appropriate if the detected PCB concentrations in soil or groundwater do not exceed the applicable preliminary remediation goal or if results of a site-specific risk evaluation demonstrate that potential risks associated with exposure to residual PCBs are within the risk-management range generally used to determine whether cleanup is necessary.

Certification—40 CFR 761.61(a)(3)(i)(E)

Project files for PCB Site Building 386 AL#01 are maintained in the CH2M HILL office at 155 Grand Avenue, Suite 1000, in Oakland, California. Attachment 1 contains the written certification, signed by LMI (the owner of the property where the cleanup site is located) and CH2M HILL (the party conducting the cleanup), documenting that the sampling plans and procedures used to assess or characterize the PCB contamination at the cleanup site are on file at the above-mentioned location and are available for USEPA inspection.

Conclusions

At PCB Site Building 386 AL#01, the maximum remaining total PCB concentration is 30 mg/kg. During sampling activities at Pit 3 in 2009, the concrete was determined to have a minimum thickness of 12 inches. There are no visible pathways for migration of PCBs to soil or groundwater. Therefore, in accordance with the *Final Polychlorinated Biphenyl Work Plan, Lennar Mare Island, Vallejo, California* (CH2M HILL 2003), the proposed cleanup actions for PCB Site Building 386 AL#01 are removal of concrete from the north and south sidewalls and a localized area of floor of Pit 3 around sample locations B386PIT3CS08022 through B386PIT3CS0834. After the cleanup actions have been performed, concrete chip verification samples will be collected from each of the three removal areas to verify that maximum remaining residual total PCB concentrations are less than 10 mg/kg and the average residual total PCB concentration at Pit 3 within PCB Site Building 386 AL#01, based on the 95 percent upper confidence limit, is less than 5 mg/kg.

Following completion of the cleanup actions and submittal of the implementation report, a PCB-specific deed restriction will be recorded, limiting Pit 3 of PCB Site Building 386 AL#01 to industrial use in accordance with Paragraph 8(b)(2) of the CA/FO. An Investigation Area C2-wide land use covenant will also be recorded, which would prohibit sensitive uses at the Pit 3 of PCB Site Building 386 AL#01.

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Please submit your approval of this Addendum for PCB Site Building 386 AL#01 to Stephen Farley at the above address or via e-mail at stephen.farley@ch2m.com within 30 calendar days of receiving this letter. If you have questions or concerns regarding the PCB site addressed in this letter, please contact Jennifer Lindquist at 530/229-3224 or Stephen Farley at 707/562-1015, extension 103.

Sincerely,

CH2M HILL



Jennifer Lindquist
Project Manager



Stephen M. Farley, P.G.
Senior Technical Consultant

RDD/100680002 (CAH4570.doc)
ES030910222958RDD

Enclosures: Table 1 and Figures 1 through 3

References

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- _____. 2008b. Email from Michael Sanchez/CH2M HILL to Henry Chui/DTSC regarding "Building 386 pit sampling." July 16.
- _____. 2009. *Final Feasibility Study/Remedial Action Work Plan for IR21 and the Buildings 386, 388, and 390 Area, Investigation Area C2, Lennar Mare Island, Vallejo, California*. September 30.
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REVISED TABLE 1

Sample Results for Pits in PCB Site Building 386 AL#01

PCB Sites, Lennar Mare Island, Vallejo, California

Sample Number	Sample Matrix	Sample Date	Sample Depth (feet bgs)	Total PCB Concentration^a (mg/kg)	Comments^b
B386AL01CS0801	Concrete	07/30/2008	8.0	0.39J	Pit 1, collected from center floor, removed Proxy value for Aroclor-1016 0.003 mg/kg Proxy value for Aroclor-1242 0.005 mg/kg Aroclor-1254 = 0.14J mg/kg Aroclor-1260 = 0.24 mg/kg
B386AL01CS0802	Concrete	07/30/2008	8.0	0.75J	Pit 2, collected from center floor, removed Proxy value for Aroclor-1016 0.003 mg/kg Proxy value for Aroclor-1242 0.006 mg/kg Aroclor-1254 = 0.2J mg/kg Aroclor-1260 = 0.54 mg/kg
B386AL01CS0803	Concrete	07/30/2008	8.0	7.5J	Pit 3, collected from center floor, removed Aroclor-1016 = 1.6 mg/kg Proxy value for Aroclor-1242 0.04 mg/kg Aroclor-1254 = 5.5 mg/kg Aroclor-1260 = 0.34J mg/kg
B386AL01CS0806	Concrete	07/30/2008	8.0	0.57	Pit 10, collected from center floor, removed Aroclor-1016 = 0.097 mg/kg Proxy value for Aroclor-1242 0.012 mg/kg Aroclor-1254 = 0.31 mg/kg Aroclor-1260 = 0.156 mg/kg
B386AL01CS0807	Concrete	07/29/2008	4.0	<0.0042	Pit 9, collected from center floor, removed Proxy value for Aroclor-1016 0.0011 mg/kg Proxy value for Aroclor-1242 0.0021 mg/kg Proxy value for Aroclor-1254 0.00034 mg/kg Proxy value for Aroclor-1260 0.00062 mg/kg
B386AL01CS0808	Concrete	07/29/2008	4.0	0.021J	Pit 8, collected from center floor, removed Proxy value for Aroclor-1016 0.0011 mg/kg Proxy value for Aroclor-1242 0.0021 mg/kg Proxy value for Aroclor-1254 0.0003 mg/kg Aroclor-1260 = 0.017J mg/kg

REVISED TABLE 1

Sample Results for Pits in PCB Site Building 386 AL#01

PCB Sites, Lennar Mare Island, Vallejo, California

Sample Number	Sample Matrix	Sample Date	Sample Depth (feet bgs)	Total PCB Concentration ^a (mg/kg)	Comments ^b
B386AL01CS0804	Water	08/22/2008	NA	<1 µg/L	Pit 4 water sample; water pumped out of pit Proxy value for Aroclor-1016 0.25 µg/L Proxy value for Aroclor-1242 0.25 µg/L Proxy value for Aroclor-1254 0.25 µg/L Proxy value for Aroclor-1260 0.25 µg/L
B386AL01CS0805	Concrete	08/26/2008	0.0	0.028	Pit 5, collected next to pit on east side, removed Proxy value for Aroclor-1016 0.001 mg/kg Proxy value for Aroclor-1242 0.0005 mg/kg Aroclor-1254 = 0.025 mg/kg Proxy value for Aroclor-1260 0.001 mg/kg
B386AL01CS0809	Concrete	09/11/2008	2.0	6.5J	Pit 3, collected from north floor, removed Aroclor-1016 = 2.4 mg/kg Proxy value for Aroclor-1242 0.021 mg/kg Aroclor-1254 = 3.8 mg/kg Aroclor-1260 = 0.31J mg/kg
B386AL01CS0810	Concrete	09/11/2008	2.0	5.4J	Pit 3, collected from north floor, removed Proxy value for Aroclor-1016 0.02 mg/kg Proxy value for Aroclor-1242 0.04 mg/kg Aroclor-1254 = 5.0 mg/kg Aroclor-1260 = 0.31J mg/kg
B386AL01CS0811	Concrete	09/11/2008	7.0	7.7J	Pit 3, collected from center floor, removed Aroclor-1016 = 0.92 mg/kg Proxy value for Aroclor-1242 0.043 mg/kg Aroclor-1254 = 6.2 mg/kg Aroclor-1260 = 0.54J mg/kg
B386AL01CS0812	Concrete	09/11/2008	3.5	14	Pit 3, collected from north sidewall, removed Aroclor-1016 = 6.4mg/kg Proxy value for Aroclor-1242 0.04 mg/kg Aroclor-1254 = 7.9 mg/kg Proxy value for Aroclor-1260 0.01 mg/kg

REVISED TABLE 1

Sample Results for Pits in PCB Site Building 386 AL#01

PCB Sites, Lennar Mare Island, Vallejo, California

Sample Number	Sample Matrix	Sample Date	Sample Depth (feet bgs)	Total PCB Concentration ^a (mg/kg)	Comments ^b
B386AL01CS0813	Concrete	09/11/2008	7.0	0.066	Pit 3, collected from center floor, removed Proxy value for Aroclor-1016 0.001 mg/kg Proxy value for Aroclor-1242 0.002 mg/kg Aroclor-1254 = 0.06 mg/kg Proxy value for Aroclor-1260 0.0006 mg/kg
B386AL01CS0814	Concrete	09/11/2008	4.0	15	Pit 3, collected from south sidewall, removed Aroclor-1016 = 3.5 mg/kg Proxy value for Aroclor-1242 0.06 mg/kg Aroclor-1254 = 11.7 mg/kg Proxy value for Aroclor-1260 0.018 mg/kg
B386AL01CS0815	Concrete	09/11/2008	7.0	1.1J	Pit 3, collected from center floor, removed Aroclor-1016 = 0.207 mg/kg Proxy value for Aroclor-1242 0.0107 mg/kg Aroclor-1254 = 0.795 mg/kg Aroclor-1260 = 0.54J mg/kg
B386AL01CS0816	Concrete	09/11/2008	7.0	3.8J	Pit 3, collected from center floor, removed Aroclor-1016 = 0.68 mg/kg Proxy value for Aroclor-1242 0.02 mg/kg Aroclor-1254 = 2.9 mg/kg Aroclor-1260 = 0.2J mg/kg
B386AL01CS0817	Concrete	09/11/2008	2.0	0.54J	Pit 3, collected from south floor, removed Aroclor-1016 = 0.261 mg/kg Proxy value for Aroclor-1242 0.0042 mg/kg Aroclor-1254 = 2.61 mg/kg Aroclor-1260 = 0.0174J mg/kg
B386AL01CS0818	Concrete	09/11/2008	2.0	4.4J	Pit 3, collected from south floor, removed Proxy value for Aroclor-1016 0.02 mg/kg Proxy value for Aroclor-1242 0.04 mg/kg Aroclor-1254 = 4.05 mg/kg Aroclor-1260 = 0.3J mg/kg

REVISED TABLE 1

Sample Results for Pits in PCB Site Building 386 AL#01

PCB Sites, Lennar Mare Island, Vallejo, California

Sample Number	Sample Matrix	Sample Date	Sample Depth (feet bgs)	Total PCB Concentration ^a (mg/kg)	Comments ^b
B386AL01CS0819	Concrete	09/30/2008	7.0	1.2	Pit 3, collected from west floor, removed Aroclor-1016 = 0.46 mg/kg Proxy value for Aroclor-1242 0.01 mg/kg Aroclor-1254 = 0.77 mg/kg Proxy value for Aroclor-1260 0.003 mg/kg
B386AL01CS0820	Concrete	09/30/2008	7.0	0.77	Pit 3, collected from west floor Aroclor-1016 = 0.374 mg/kg Proxy value for Aroclor-1242 0.04 mg/kg Aroclor-1254 = 4.05 mg/kg Aroclor-1260 = 0.295J mg/kg
B386PIT4CS0801	Concrete	01/09/2009	10.0	<0.0044	Pit 9, collected from center floor, removed Proxy value for Aroclor-1016 0.0013 mg/kg Proxy value for Aroclor-1242 0.0005 mg/kg Proxy value for Aroclor-1254 0.0013 mg/kg Proxy value for Aroclor-1260 0.0013 mg/kg
B386PIT5CS0802	Concrete	01/13/2009	10.0	<0.005J	Pit 9, collected from center floor, removed Proxy value for Aroclor-1016 0.0014 mg/kg Proxy value for Aroclor-1242 0.0006 mg/kg Proxy value for Aroclor-1254 0.0014 mg/kg Proxy value for Aroclor-1260 0.0015 mg/kg
B386PIT7CS0803	Concrete	01/12/2009	10.0	<0.005	Pit 9, collected from center floor, removed Proxy value for Aroclor-1016 0.0014 mg/kg Proxy value for Aroclor-1242 0.0006 mg/kg Proxy value for Aroclor-1254 0.0014 mg/kg Proxy value for Aroclor-1260 0.0014 mg/kg
B386PIT3CS0821	Concrete	01/15/2009	18.5	0.059	Pit 3, collected from floor of vault after pressure washing Proxy value for Aroclor-1016 0.001 mg/kg Aroclor-1242 = 0.036 mg/kg Aroclor-1254 = 0.02 mg/kg Proxy value for Aroclor-1260 0.002 mg/kg

REVISED TABLE 1

Sample Results for Pits in PCB Site Building 386 AL#01

PCB Sites, Lennar Mare Island, Vallejo, California

Sample Number	Sample Matrix	Sample Date	Sample Depth (feet bgs)	Total PCB Concentration ^a (mg/kg)	Comments ^b
B386PIT3CS0822	Concrete	02/10/2009	4.0	4.1	Pit 3, collected from north sidewall after pressure washing Proxy value for Aroclor-1016 0.007 mg/kg Aroclor-1242 = 2.9 mg/kg Aroclor-1254 = 1.2 mg/kg Proxy value for Aroclor-1260 0.008 mg/kg
B386PIT3CS0823	Concrete	02/10/2009	4.0	15	Pit 3, collected from north sidewall after pressure washing Proxy value for Aroclor-1016 0.037 mg/kg Aroclor-1242 = 8.2 mg/kg Aroclor-1254 = 6.9 mg/kg Proxy value for Aroclor-1260 0.038 mg/kg
B386PIT3CS0824	Concrete	02/10/2009	4.0	23	Pit 3, collected from north sidewall after pressure washing Proxy value for Aroclor-1016 0.037 mg/kg Aroclor-1242 = 14 mg/kg Aroclor-1254 = 8.9 mg/kg Proxy value for Aroclor-1260 0.038 mg/kg
B386PIT3CS0825	Concrete	02/10/2009	7.0	3.6	Pit 3, collected from north sidewall after pressure washing Proxy value for Aroclor-1016 0.008 mg/kg Aroclor-1242 = 2.4 mg/kg Aroclor-1254 = 1.2 mg/kg Proxy value for Aroclor-1260 0.008 mg/kg
B386PIT3CS0826	Concrete	02/10/2009	7.0	9.9	Pit 3, collected from north sidewall after pressure washing Proxy value for Aroclor-1016 0.015 mg/kg Aroclor-1242 = 5.2 mg/kg Aroclor-1254 = 4.7 mg/kg Proxy value for Aroclor-1260 0.015 mg/kg
B386PIT3CS0827	Concrete	02/10/2009	7.0	30	Pit 3, collected from north sidewall after pressure washing Proxy value for Aroclor-1016 0.08 mg/kg Aroclor-1242 = 19 mg/kg Aroclor-1254 = 11 mg/kg Proxy value for Aroclor-1260 0.08 mg/kg

REVISED TABLE 1

Sample Results for Pits in PCB Site Building 386 AL#01

PCB Sites, Lennar Mare Island, Vallejo, California

Sample Number	Sample Matrix	Sample Date	Sample Depth (feet bgs)	Total PCB Concentration ^a (mg/kg)	Comments ^b
B386PIT3CS0828	Concrete	02/10/2009	4.0	14	Pit 3, collected from south sidewall after pressure washing Proxy value for Aroclor-1016 0.04 mg/kg Aroclor-1242 = 5 mg/kg Aroclor-1254 = 8.6 mg/kg Proxy value for Aroclor-1260 0.04 mg/kg
B386PIT3CS0829	Concrete	02/10/2009	4.0	17	Pit 3, collected from south sidewall after pressure washing Proxy value for Aroclor-1016 0.04 mg/kg Aroclor-1242 = 3.4 mg/kg Aroclor-1254 = 14 mg/kg Proxy value for Aroclor-1260 0.04 mg/kg
B386PIT3CS0830	Concrete	02/10/2009	4.0	23	Pit 3, collected from south sidewall after pressure washing Proxy value for Aroclor-1016 0.04 mg/kg Aroclor-1242 = 3.6 mg/kg Aroclor-1254 = 19 mg/kg Proxy value for Aroclor-1260 0.04 mg/kg
B386PIT3CS0831	Concrete	02/10/2009	7.0	10	Pit 3, collected from south sidewall after pressure washing Proxy value for Aroclor-1016 0.015 mg/kg Aroclor-1242 = 5.1 mg/kg Aroclor-1254 = 5.1 mg/kg Proxy value for Aroclor-1260 0.015 mg/kg
B386PIT3CS0832	Concrete	02/10/2009	7.0	11	Pit 3, collected from south sidewall after pressure washing Proxy value for Aroclor-1016 0.02 mg/kg Aroclor-1242 = 3.2 mg/kg Aroclor-1254 = 8.2 mg/kg Proxy value for Aroclor-1260 0.02 mg/kg
B386PIT3CS0833	Concrete	02/10/2009	7.0	14	Pit 3, collected from south sidewall after pressure washing Proxy value for Aroclor-1016 0.02 mg/kg Aroclor-1242 = 3.1 mg/kg Aroclor-1254 = 11 mg/kg Proxy value for Aroclor-1260 0.02 mg/kg

REVISED TABLE 1

Sample Results for Pits in PCB Site Building 386 AL#01

PCB Sites, Lennar Mare Island, Vallejo, California

Sample Number	Sample Matrix	Sample Date	Sample Depth (feet bgs)	Total PCB Concentration ^a (mg/kg)	Comments ^b
B386PIT3CS0834	Concrete	02/10/2009	12.0	19	Pit 3, collected from west floor area after pressure washing Proxy value for Aroclor-1016 0.03 mg/kg Aroclor-1242 = 14 mg/kg Aroclor-1254 = 4.9 mg/kg Proxy value for Aroclor-1260 0.03 mg/kg
B386PIT3CS0835	Concrete	02/10/2009	12.0	1.5	Pit 3, collected from west floor area after pressure washing Proxy value for Aroclor-1016 0.03 mg/kg Aroclor-1242 = 0.9 mg/kg Aroclor-1254 = 0.5 mg/kg Proxy value for Aroclor-1260 0.03 mg/kg
B386PIT3CS0836	Concrete	02/10/2009	12.0	1.4	Pit 3, collected from west floor area after pressure washing Proxy value for Aroclor-1016 0.003 mg/kg Aroclor-1242 = 0.75 mg/kg Aroclor-1254 = 0.62 mg/kg Proxy value for Aroclor-1260 0.003 mg/kg

^aTotal PCBs are calculated by summing all of the detected Aroclors or by using a proxy value of one-half the laboratory detection level for historically detected Aroclors and adding this to detected Aroclors.

^bThree significant figures were used for certain proxy values to eliminate rounding errors when calculating total PCB concentrations.

Notes:

Samples were collected by CH2M HILL.

Laboratory results for water samples are reported as total PCBs

bgs = below ground surface.

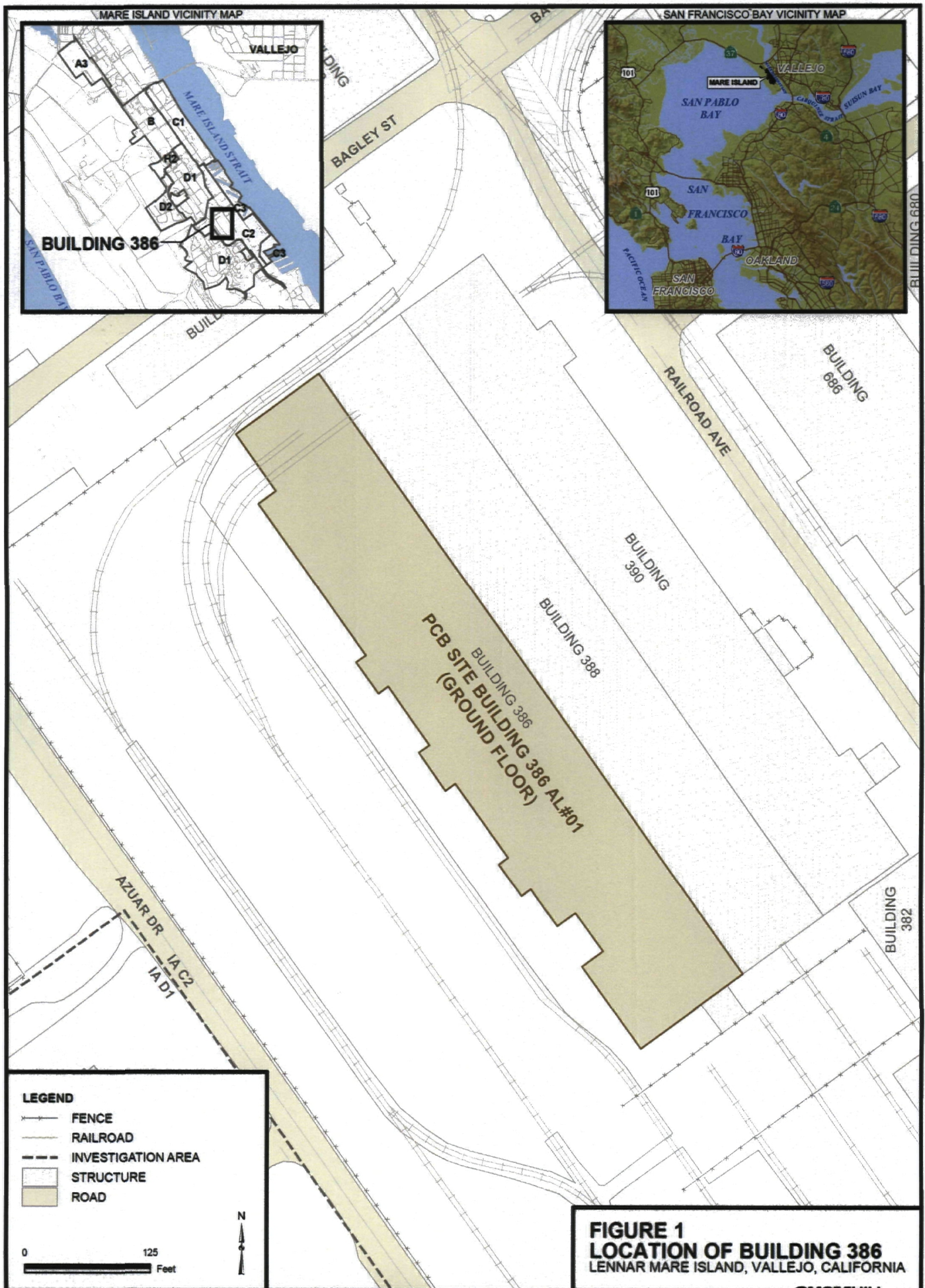
J = estimated concentration.

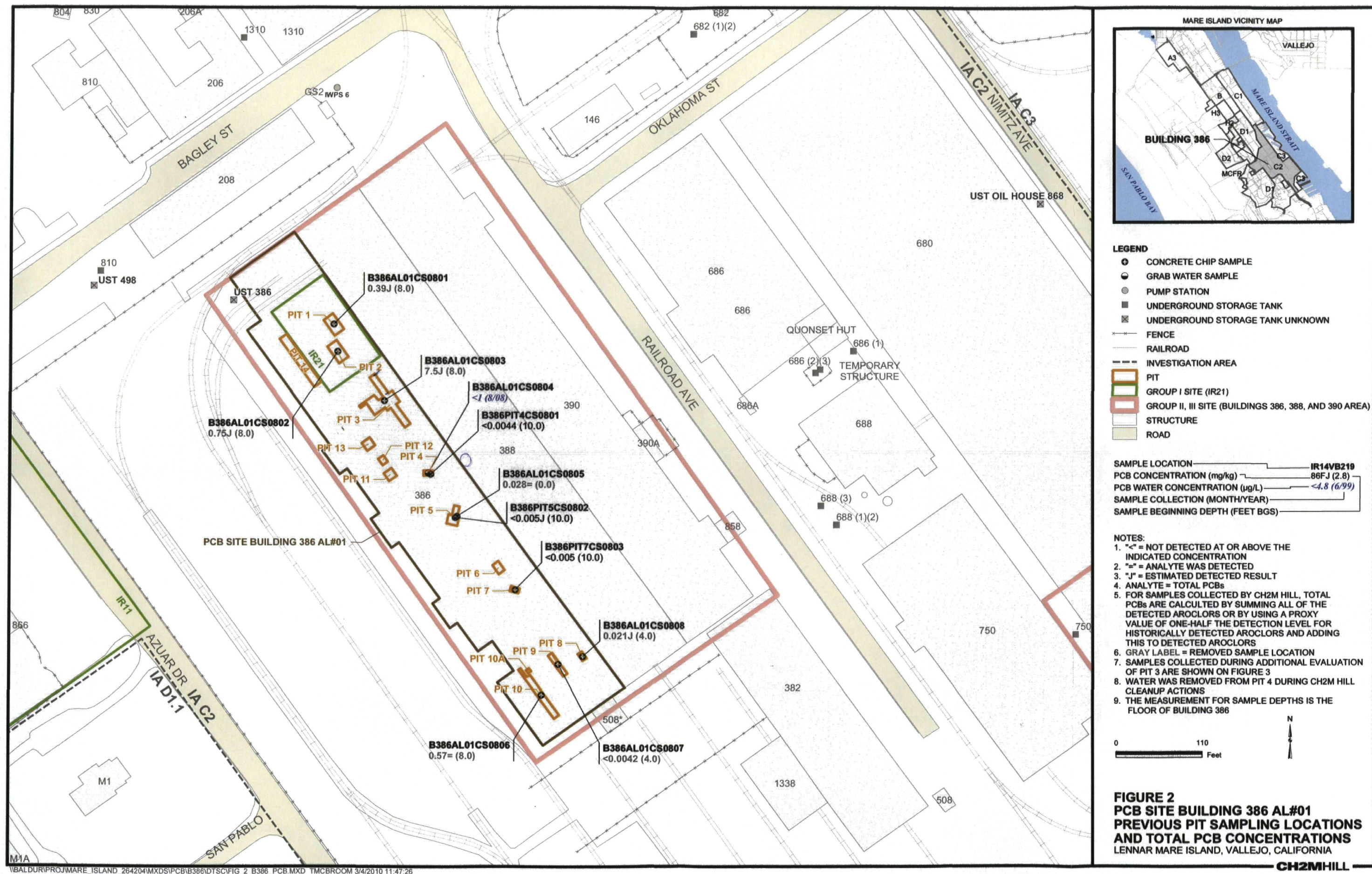
mg/kg = milligrams per kilogram.

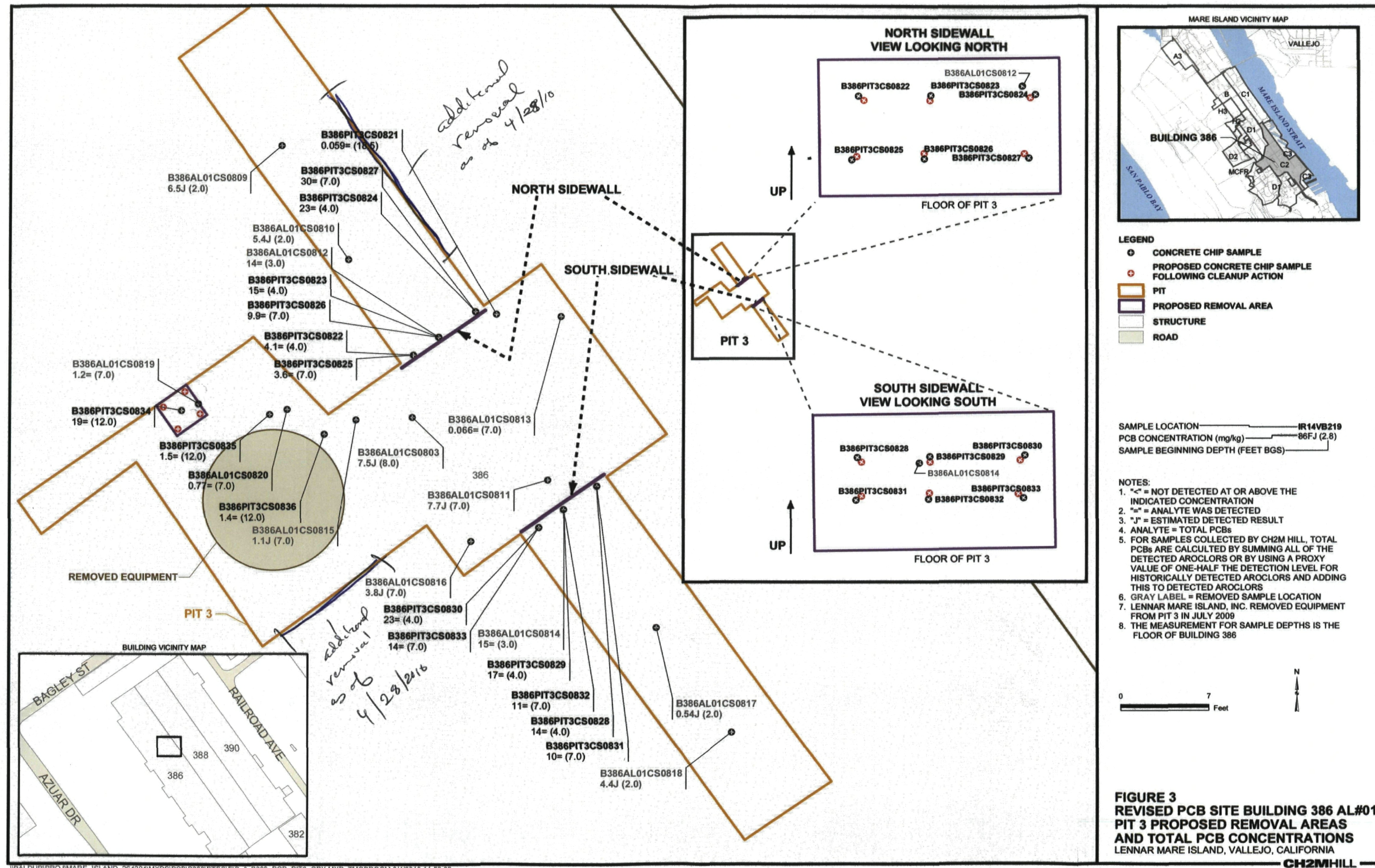
NA = not applicable.

PCB = polychlorinated biphenyl.

µg/L = micrograms per liter







Attachment 1
Certification

ATTACHMENT 1

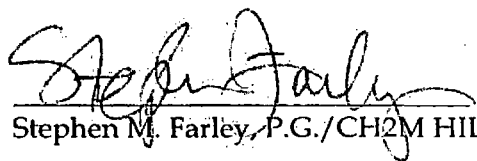
Certification

All sampling plans, sample collection procedures, sample preparation procedures, extraction procedures, and instrumental/chemical analysis procedures used to assess or characterize the polychlorinated biphenyl (PCB) contamination at PCB Site Building 386, AL#01 are on file at the CH2M HILL office at 155 Grand Avenue, Suite 800, Oakland, California. These files are available for USEPA inspection.

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.



Neal Siler/Lennar Mare Island, LLC (owner of the property where the cleanup site is located)



Stephen M. Farley, P.G./CH2M HILL (party conducting the cleanup)

Bids 386 @ 1 #01
already visited
Compare with notification

A area excavated
all submit work
photo documentation
of work performed -
could not find removal
area 5 TSCB Super
regarding PCBs
of pits



CH2MHILL

January 15, 2008
264204.PC.80/MIPC.B224F

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San Francisco, CA 94105

Subject: Site Characterization and Cleanup Action Summary Report for Polychlorinated Biphenyl Site Building 386 AL#01, Investigation Area C2, Lennar Mare Island, Vallejo, California

Dear Ms. Bisson:

Enclosed is one copy of the *Site Characterization and Cleanup Action Summary Report for Polychlorinated Biphenyl Site Building 527 AL#01*, for Mare Island, Vallejo, California.

CH2M HILL prepared this report in compliance with the Consent Agreement and Final Order (CA/FO) between the United States Environmental Protection Agency and the United States Department of the Navy, with the City of Vallejo and Lennar Mare Island, LLC as intervenors (USEPA et al. 2001). The CA/FO sets forth the polychlorinated biphenyl requirements that must be met to satisfy the Toxic Substances Control Act for the Eastern Early Transfer Parcel of Mare Island. This report is submitted in compliance with Paragraph 12 of the CA/FO.

Please submit your comments to me at the above address or via e-mail at stephen.farley@ch2m.com by February 15, 2008. If you have any questions regarding this document, please contact me at 707/562-1015 extension 103 or Michael Sanchez at 530/229-3310.

Sincerely,

CH2M HILL

Michael Sanchez
Project Manager

Stephen M. Farley, P.G.
Quality Control Manager

Ms. Paula Bisson
January 15, 2008
Page 2

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January 15, 2008
Page 4

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Draft

**Site Characterization and
Cleanup Action Summary Report
for Polychlorinated Biphenyl Site
Building 386 AL#01,
Investigation Area C2,
Lennar Mare Island,
Vallejo, California**

Prepared for
United States Environmental Protection Agency

January 2008

CH2MHILL
155 Grand Avenue, Suite 1000
Oakland, CA 94612

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Acronyms and Abbreviations

µg/100 cm ²	micrograms per 100 square centimeters
bgs	below ground surface
CA/FO	Consent Agreement and Final Order
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980
EETP	Eastern Early Transfer Parcel
IA	Investigation Area
LMI	Lennar Mare Island, LLC
mg/kg	milligrams per kilogram
Navy	United States Department of the Navy
NFA	no further action
PCB	polychlorinated biphenyl
SSPORTS	Supervisor of Shipbuilding, Conversion and Repair, Portsmouth, Virginia, Environmental Detachment
TSCA	Toxic Substances Control Act
TtEMI	Tetra Tech Environmental Management, Inc.
TWD	Technical Work Document
USEPA	United States Environmental Protection Agency

1.0 Introduction

This report summarizes the polychlorinated biphenyl (PCB) cleanup actions performed by CH2M HILL at PCB Site Building 386 AL#01, in Investigation Area (IA) C2 of Lennar Mare Island, LLC's (LMI's), Eastern Early Transfer Parcel (EETP). CH2M HILL prepared this summary report in compliance with the Consent Agreement and Final Order (CA/FO) between United States Environmental Protection Agency (USEPA) and the United States Department of the Navy (Navy), with the City of Vallejo and LMI, as intervenors (CA/FO) (USEPA et al. 2001). The CA/FO sets forth the PCB-related requirements that must be met to satisfy the Toxic Substances Control Act (TSCA) for the EETP of Mare Island. Pursuant to Paragraph 6(a) of the CA/FO, this report demonstrates that no further action (NFA) is necessary, under TSCA, at PCB Site Building 386 AL#01.

The CH2M HILL cleanup actions at PCB Site Building 386 AL#01 consisted of removing concrete, asphalt, or underlying soil from 17 removal areas. These cleanup actions were conducted in accordance with Paragraph 12 of CA/FO and the TSCA regulations in Title 40, Code of Federal Regulations, Part 761.61(a). These cleanup actions were implemented in accordance with the USEPA-approved *"Notification Regarding Self-implementing On-site Cleanup and Disposal of Polychlorinated Biphenyl Remediation Waste at PCB Site Building 386 AL#01 in Investigation Area C2, Eastern Early Transfer Parcel, Lennar Mare Island, Vallejo, California"* (CH2M HILL 2006; USEPA 2006) and corresponding *"Addendum to the Notification Regarding Self-Implementing On-site Cleanup and Disposal of Polychlorinated Biphenyl Remediation Waste at PCB Site Building 386 AL#01 in Investigation Area C2, Eastern Early Transfer Parcel, Lennar Mare Island, California"* (CH2M HILL 2007; USEPA 2007). The remaining detectable total PCB concentrations at PCB Site Building 386 AL#01 meet the TSCA closure criteria for high-occupancy areas.

This document is organized into the following sections:

- **Section 1.0 – Introduction.** Provides an introduction to this report.
- **Section 2.0 – Site Identification and Background.** Provides site background and a description of previous sampling efforts.
- **Section 3.0 – Cleanup Action Summary.** Provides a description of CH2M HILL's cleanup actions at PCB Site Building 386 AL#01.
- **Section 4.0 – Polychlorinated Biphenyl Site Closure Process.** Provides the rationale for site closure.
- **Section 5.0 – Conclusions.** Provides conclusions for this report.
- **Section 6.0 – References.** Provides references for documents used to prepare this report.

2.0 Site Identification and Background

Building 386 is located in IA C2, south of Bagley (formerly 14th) Street between Azuar Drive and Railroad Avenue (Figure 2-1; figures are located at the end of their respective sections). Building 386 was constructed in the early to mid-1920s as part of a single superstructure (with Buildings 388, 390, and 382). Building 386 was used as a metalworking facility, and much of the former metalworking equipment remains in place. Building 386 once contained oil-filled circuit breakers or oil-filled fuse cutouts that were removed by the Navy prior to CH2M HILL cleanup actions. Although adjacent Buildings 382, 388, and 390 have been leased to XKT, Building 386 is not currently leased and is in an area designated for future industrial use, according to the *Preliminary Land Use Plan* (SWA Group 2000).

One PCB site is associated with Building 386 and is listed in Consent Agreement for LMI's EETP (LMI et al. 2001): AL#01. Documentation of the Navy PCB site assessment and confirmation sampling is contained in the *Final Basewide Polychlorinated Biphenyl Confirmation Sampling Report* (Tetra Tech Environmental Management, Inc. [TtEMI] 1998), in the section for Parcel 05-A. PCB Site Building 386 AL#01, the entire ground floor of Building 386, is addressed in this report.

Table 2-1 summarizes the previous sampling that has been performed at PCB Site Building 386 AL#01, including the sample numbers, matrices, dates, and total PCB concentrations (or laboratory reporting limits if PCBs were not detected). Figure 2-2 shows the previous sampling locations and total PCB concentrations at PCB Site Building 386 AL#01.

During an interim assessment in August 1996, personnel from Supervisor of Shipbuilding, Conversion and Repair, Portsmouth, Virginia, Environmental Detachment (SSPORTS), collected 34 wipe samples (6225-0028 through 6225-0035, 6225-0037 through 6225-0042, 6225-005 through 6225-0057, 6218-0244 through 6218-0252, and 6218-0262 through 6218-0269) and 55 solid samples (6225-0010 through 6225-0027, 6225-0046, 6225-0047, 6225-0064 through 6225-0073, 6225-0244 through 6225-0259, and 6218-0253 through 6218-0261) from stain-specific locations on the floor of Building 386 (SSPORTS 1996a) (Figure 2-2). Total PCBs were detected above their respective laboratory reporting limits at 5 of the 34 wipe sample locations, with results ranging from 6.6 (6225-0056) to 507 micrograms per 100 square centimeters ($\mu\text{g}/100\text{ cm}^2$) (6218-0266). Total PCBs were detected above laboratory reporting limits at 17 of the 55 solid sample locations, with results ranging from 1.4 (6225-0066) to 11.2 milligrams per kilogram (mg/kg) (6225-0255).

On November 5, 1996, SSSPORTS issued Technical Work Document (TWD) 96-1370 to remediate four floor areas where PCBs were detected above $10\text{ }\mu\text{g}/100\text{ cm}^2$ (SSSPORTS 1996b). A 4- by 4-foot area of concrete floor around sample location 6218-0245 ($15\text{ }\mu\text{g}/100\text{ cm}^2$) in the northwest corner of Building 386 and three adjacent steel-plate floor areas in the north-central portion of Building 386 around sample locations 6218-0264 ($63\text{ }\mu\text{g}/100\text{ cm}^2$), 6218-0265 ($20\text{ }\mu\text{g}/100\text{ cm}^2$), and 6218-0266 ($507\text{ }\mu\text{g}/100\text{ cm}^2$), respectively, were washed. Following this cleanup action, SSSPORTS personnel collected four wipe samples (6296-0091 through 6296-0094) on November 22, 1996, to confirm remaining condi-

tions following abatement activities. Total PCBs were not detected above the laboratory reporting limit ($5 \mu\text{g}/100 \text{ cm}^2$) in these samples (Table 2-1) (SSPORTS 1996b).

On July 10, 1997, TtEMI personnel collected two concrete samples (PC1732 and PC1734) and four asphalt samples (PC1731, PC1736, PC1737, and PC1740) from oil-stained areas at PCB Site Building 386 AL#01 (Figure 2-2). The only detected total PCB concentration that exceeded the cleanup goal of $1 \text{ mg}/\text{kg}$ was in concrete sample PC1734 ($3.0 \text{ mg}/\text{kg}$) (Table 2-1).

In September 1997, as part of the Navy's Installation Restoration Program site investigation, the Navy advanced three Geoprobe® borings and collected six soil samples and analyzed the samples for PCBs (Figure 2-2). These six samples included B386B001 at 0 to 0.5 feet below ground surface (bgs) and 3.5 to 4 feet bgs, B386B002 at 3.5 to 4 feet bgs and 11 to 11.5 feet bgs, and B386B003 at 0 to 0.5 feet bgs and 4.0 to 4.5 feet bgs. Total PCB concentrations were not calculated; however, no Aroclors were detected above the respective laboratory reporting limits in these soil samples (Table 2-1).

TABLE 2-1

Sample Results for PCB Site Building 386 AL#01 prior to the CH2M HILL Cleanup Action

*Site Characterization and Cleanup Action Summary Report for Polychlorinated Biphenyl Site Building 386 AL#01,
Investigation Area C2, Lennar Mare Island, Vallejo, California*

Sample Number	Sample Matrix	Sample Date	Total PCB Concentration	Unit	Comments
6218-0253	Solid	08/14/96	<1.0	mg/kg	
6218-0254	Solid	08/14/96	1.8	mg/kg	Aroclor-1254
6218-0255	Solid	08/14/96	<1.0	mg/kg	
6218-0256	Solid	08/14/96	<1.0	mg/kg	
6218-0257	Solid	08/14/96	<1.0	mg/kg	
6218-0258	Solid	08/14/96	<1.0	mg/kg	
6218-0259	Solid	08/14/96	<1.0	mg/kg	
6218-0260	Solid	08/14/96	2.1	mg/kg	Aroclor-1248
6218-0261	Solid	08/14/96	6.6	mg/kg	Aroclor-1248
6225-0046	Solid	08/14/96	<5.0	mg/kg	
6225-0047	Solid	08/14/96	<1.0	mg/kg	
6225-0064	Solid	08/15/96	1.6	mg/kg	Aroclor-1254
6225-0065	Solid	08/15/96	3.4	mg/kg	Aroclor-1248
6225-0066	Solid	08/15/96	1.4	mg/kg	Aroclor-1248
6225-0067	Solid	08/15/96	2.6	mg/kg	Aroclor-1254
6225-0068	Solid	08/15/96	<1.0	mg/kg	
6225-0069	Solid	08/15/96	<1.0	mg/kg	
6225-0070	Solid	08/15/96	4.5	mg/kg	Aroclor-1248
6225-0071	Solid	08/15/96	3.2	mg/kg	Aroclor-1248
6225-0072	Solid	08/15/96	<1.0	mg/kg	
6225-0073	Solid	08/15/96	<1.0	mg/kg	
6225-0019	Solid	08/16/96	2.0	mg/kg	Aroclor-1254
6225-0020	Solid	08/16/96	<1.0	mg/kg	
6225-0021	Solid	08/16/96	<1.0	mg/kg	
6225-0022	Solid	08/16/96	<1.0	mg/kg	
6225-0023	Solid	08/16/96	<1.0	mg/kg	
6225-0024	Solid	08/16/96	1.6	mg/kg	Aroclor-1248
6225-0025	Solid	08/16/96	<1.0	mg/kg	
6225-0026	Solid	08/16/96	<1.0	mg/kg	
6225-0027	Solid	08/16/96	<1.0	mg/kg	
6225-0010	Solid	08/19/96	<1.0	mg/kg	
6225-0011	Solid	08/19/96	<1.0	mg/kg	
6225-0012	Solid	08/19/96	<1.0	mg/kg	
6225-0013	Solid	08/19/96	5.0	mg/kg	Aroclor-1254
6225-0014	Solid	08/19/96	<5.0	mg/kg	

TABLE 2-1

Sample Results for PCB Site Building 386 AL#01 prior to the CH2M HILL Cleanup Action
*Site Characterization and Cleanup Action Summary Report for Polychlorinated Biphenyl Site Building 386 AL#01,
Investigation Area C2, Lennar Mare Island, Vallejo, California*

Sample Number	Sample Matrix	Sample Date	Total PCB Concentration	Unit	Comments
6225-0015	Solid	08/19/96	<5.0	mg/kg	
6225-0016	Solid	08/19/96	<5.0	mg/kg	
6225-0017	Solid	08/19/96	10.1	mg/kg	Aroclor-1254
6225-0018	Solid	08/19/96	<5.0	mg/kg	
6225-0244	Solid	08/19/96	<5.0	mg/kg	
6225-0245	Solid	08/19/96	<5.0	mg/kg	
6225-0246	Solid	08/19/96	<5.0	mg/kg	
6225-0247	Solid	08/19/96	6.9	mg/kg	Aroclor-1254
6225-0248	Solid	08/19/96	<5.0	mg/kg	
6225-0249	Solid	08/19/96	<5.0	mg/kg	
6225-0250	Solid	08/19/96	<1.0	mg/kg	
6225-0251	Solid	08/19/96	1.5	mg/kg	Aroclor-1254
6225-0252	Solid	08/19/96	<5.0	mg/kg	
6225-0253	Solid	08/19/96	<5.0	mg/kg	
6225-0254	Solid	08/19/96	<5.0	mg/kg	
6225-0255	Solid	08/19/96	11.2	mg/kg	Aroclor-1260
6225-0256	Solid	08/19/96	3.4	mg/kg	Aroclor-1260
6225-0257	Solid	08/19/96	<1.0	mg/kg	
6225-0258	Solid	08/19/96	<5.0	mg/kg	
6225-0259	Solid	08/19/96	<5.0	mg/kg	
6225-0055	Wipe	08/21/96	<5.0	µg/100 cm ²	
6225-0056	Wipe	08/21/96	6.6	µg/100 cm ²	Aroclor-1260
6225-0057	Wipe	08/21/96	<5.0	µg/100 cm ²	
6218-0244	Wipe	08/23/96	<5.0	µg/100 cm ²	
6218-0245	Wipe of Concrete Floor	08/23/96	15.0	µg/100 cm ²	Aroclor-1260; removed under TWD 96-1370
6218-0246	Wipe	08/23/96	<5.0	µg/100 cm ²	
6218-0247	Wipe	08/23/96	<5.0	µg/100 cm ²	
6218-0248	Wipe	08/23/96	<5.0	µg/100 cm ²	
6218-0249	Wipe	08/23/96	<5.0	µg/100 cm ²	
6218-0250	Wipe	08/23/96	<5.0	µg/100 cm ²	
6218-0251	Wipe	08/23/96	<5.0	µg/100 cm ²	
6218-0252	Wipe	08/23/96	<5.0	µg/100 cm ²	
6218-0262	Wipe	08/23/96	<5.0	µg/100 cm ²	
6218-0263	Wipe	08/23/96	<5.0	µg/100 cm ²	

TABLE 2-1

Sample Results for PCB Site Building 386 AL#01 prior to the CH2M HILL Cleanup Action
*Site Characterization and Cleanup Action Summary Report for Polychlorinated Biphenyl Site Building 386 AL#01,
Investigation Area C2, Lennar Mare Island, Vallejo, California*

Sample Number	Sample Matrix	Sample Date	Total PCB Concentration	Unit	Comments
6218-0264	Wipe of Steel Plate on Floor	08/23/96	63.0	µg/100 cm ²	Aroclor-1242; removed under TWD 96-1370
6218-0265	Wipe of Steel Plate on Floor	08/23/96	20.0	µg/100 cm ²	Aroclor-1254; removed under TWD 96-1370
6218-0266	Wipe of Steel Plate on Floor	08/23/96	507.0	µg/100 cm ²	Aroclor-1254; removed under TWD 96-1370
6218-0267	Wipe	08/23/96	<5.0	µg/100 cm ²	
6218-0268	Wipe	08/23/96	<5.0	µg/100 cm ²	
6218-0269	Wipe	08/23/96	<5.0	µg/100 cm ²	
6225-0028	Wipe	08/27/96	<5.0	µg/100 cm ²	
6225-0029	Wipe	08/27/96	<5.0	µg/100 cm ²	
6225-0030	Wipe	08/27/96	<5.0	µg/100 cm ²	
6225-0031	Wipe	08/27/96	<5.0	µg/100 cm ²	
6225-0032	Wipe	08/27/96	<5.0	µg/100 cm ²	
6225-0033	Wipe	08/27/96	<5.0	µg/100 cm ²	
6225-0034	Wipe	08/27/96	<5.0	µg/100 cm ²	
6225-0035	Wipe	08/27/96	<5.0	µg/100 cm ²	
6225-0037	Wipe	08/27/96	<5.0	µg/100 cm ²	
6225-0038	Wipe	08/27/96	<5.0	µg/100 cm ²	
6225-0039	Wipe	08/27/96	<5.0	µg/100 cm ²	
6225-0040	Wipe	08/27/96	<5.0	µg/100 cm ²	
6225-0041	Wipe	08/27/96	<5.0	µg/100 cm ²	
6225-0042	Wipe	08/27/96	<5.0	µg/100 cm ²	
6296-0091	Wipe	11/22/96	<5.0	µg/100 cm ²	TWD verification sample
6296-0092	Wipe	11/22/96	<5.0	µg/100 cm ²	TWD verification sample
6296-0093	Wipe	11/22/96	<5.0	µg/100 cm ²	TWD verification sample
6296-0094	Wipe	11/22/96	<5.0	µg/100 cm ²	TWD verification sample
PC1731	Asphalt	07/10/97	0.2J	mg/kg	0.16 J mg/kg Aroclor-1254; 0.034 J mg/kg Aroclor-1260
PC1732	Concrete	07/10/97	0.2J	mg/kg	0.18 J mg/kg Aroclor-1254; 0.04 J mg/kg Aroclor-1260
PC1734	Concrete	07/10/97	3	mg/kg	Aroclor-1254
PC1736	Asphalt	07/10/97	<0.067	mg/kg	
PC1737	Asphalt	07/10/97	0.09J	mg/kg	Aroclor-1254
PC1740	Asphalt	07/10/97	0.2	mg/kg	Aroclor-1260

TABLE 2-1

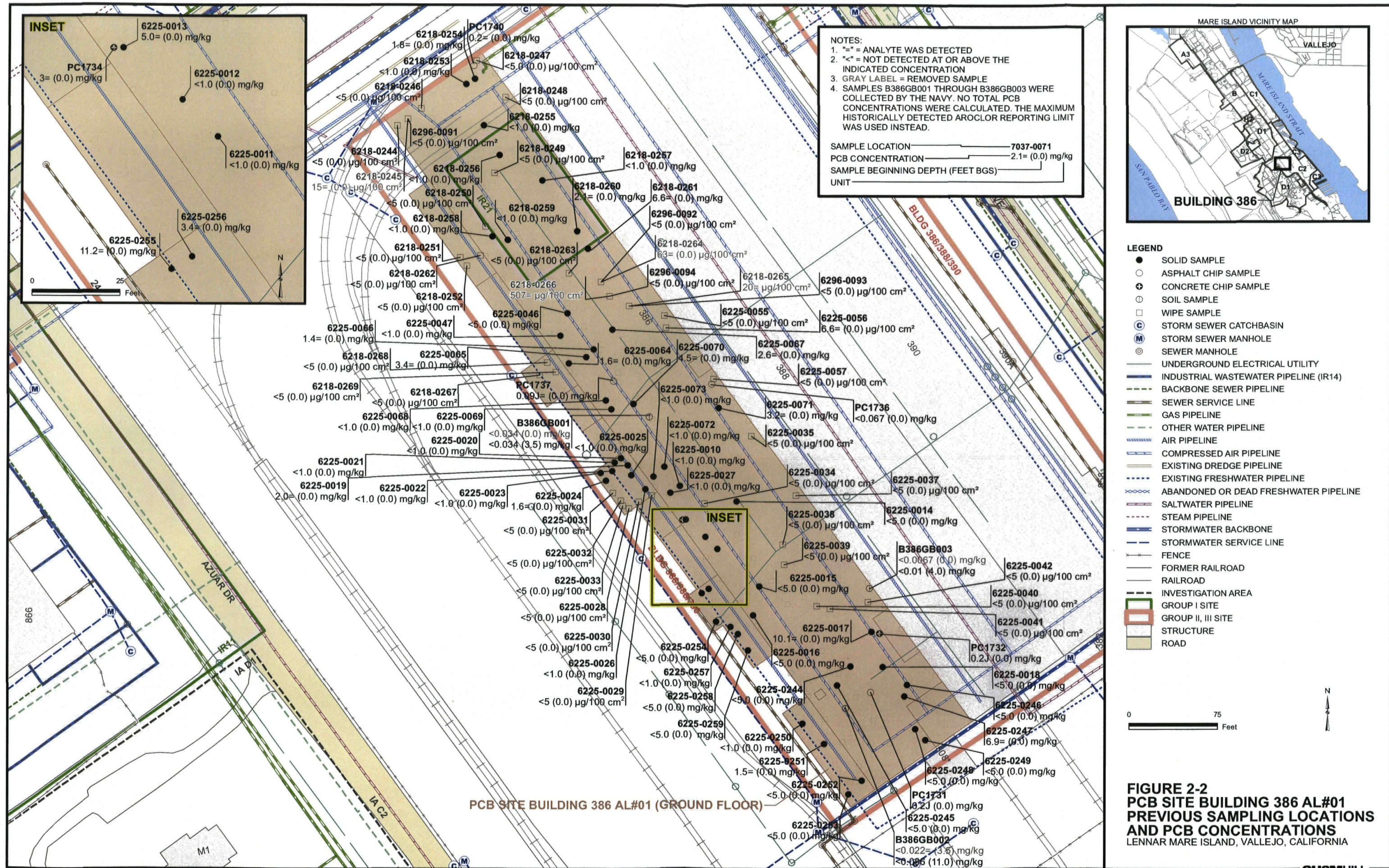
Sample Results for PCB Site Building 386 AL#01 prior to the CH2M HILL Cleanup Action
*Site Characterization and Cleanup Action Summary Report for Polychlorinated Biphenyl Site Building 386 AL#01,
Investigation Area C2, Lennar Mare Island, Vallejo, California*

Sample Number	Sample Matrix	Sample Date	Total PCB Concentration	Unit	Comments
B386GB001	Soil	09/23/97	<0.034	mg/kg	0 to 0.5 feet bgs
B386GB001	Soil	09/23/97	<0.034	mg/kg	3.5 to 4.0 feet bgs
B386GB002	Soil	09/23/97	<0.022	mg/kg	3.5 to 4.0 feet bgs
B386GB002	Soil	09/23/97	<0.086	mg/kg	11 to 11.5 feet bgs
B386GB003	Soil	09/23/97	<0.0067	mg/kg	0 to 0.5 feet bgs
B386GB003	Soil	09/23/97	<0.01	mg/kg	4.0 to 4.5 feet bgs

Notes:

Sample numbers beginning with PC were collected by TtEMI. Sample numbers beginning with B were collected by Navy personnel. Other samples were collected by SSPORTS.

J = estimated concentration



3.0 Cleanup Action Summary

The 2007 cleanup actions performed by CH2M HILL at PCB Site Building 386 AL#01 were implemented in accordance with the USEPA-approved *"Notification Regarding Self-implementing On-site Cleanup and Disposal of Polychlorinated Biphenyl Remediation Waste at PCB Site Building 386 AL#01 in Investigation Area C2, Eastern Early Transfer Parcel, Lennar Mare Island, Vallejo, California"* (CH2M HILL 2006; USEPA 2006) and *"Addendum to the Notification Regarding Self-Implementing On-site Cleanup and Disposal of Polychlorinated Biphenyl Remediation Waste at PCB Site Building 386 AL#01 in Investigation Area C2, Eastern Early Transfer Parcel, Lennar Mare Island, California"* (CH2M HILL 2007; USEPA 2007). The 2007 cleanup actions consisted of removing concrete, asphalt, and soil, collecting verification samples, and restoring the floor. Analytical results for verification samples collected during the 2007 cleanup actions are summarized in Table 3-1 and are provided in Appendix A.

Cleanup actions were performed at 17 removal areas within the footprint of PCB Site Building 386 AL#01. The locations of these 17 removal areas are presented in Figure 3-1. The following subsections summarize the scope and results of the cleanup actions performed at each removal area.

3.1 Removal Area 1

On March 1, 2007, asphalt was removed from an approximately 5- by 5-foot area around previous sample location 6218-0254 (1.8 mg/kg). Approximately 2 feet of underlying soil were removed, and four discrete soil samples were collected on March 2, 2007 (B386RA01CS0801 through B386RA01CS0804) (Figure 3-1). PCBs were not detected above laboratory reporting limits in any of the soil verification samples (Table 3-1). Restoration of Removal Area 1 was completed on March 8, 2007.

3.2 Removal Area 2

On February 27, 2007, asphalt was removed from an approximately 23- by 30-foot area around previous sample locations 6218-0260 (2.1 mg/kg) and 6218-0261 (6.6 mg/kg). Approximately 3 feet of underlying soil were removed, and six nine-point composite soil samples were collected on March 2, 2007, based on a 3-meter grid (B386RA02CS0805 through B386RA02CS0810) (Figure 3-1). PCBs were not detected above laboratory reporting limits in any of the composite verification soil samples (Table 3-1). Removal Area 2 was backfilled with compacted materials on March 13, 2007, and covered with an asphalt layer on March 14, 2007.

3.3 Removal Area 3

On February 20, 2007, an approximately 16- by 16-foot area of floor was removed around previous sample location 6225-0067 (2.6 mg/kg). Approximately 3 feet of underlying soil were removed, and four discrete soil samples were collected on February 21, 2007

(B386RA03CS0811 through B386RA03CS0814) (Figure 3-1). PCBs were detected in samples B386RA03CS0813 and B386RA03CS0814 at total concentrations of 0.13 mg/kg and 0.12 mg/kg, respectively (Table 3-1). These total concentrations are less than the cleanup goal of 1 mg/kg. Removal Area 3 was backfilled with compacted materials on March 12, 2007, and covered with an asphalt layer on March 14, 2007.

3.4 Removal Area 4

On February 27, 2007, an approximately 5 -by 5-foot area of floor and approximately 1.5 feet of underlying soil was removed around previous sample location 6225-0066 (1.4 mg/kg), and four discrete soil samples were collected (B386RA04CS0815 through B386RA04CS0818) (Figure 3-1). PCBs were not detected above laboratory reporting limits in any of the verification soil samples (Table 3-1). Removal Area 4 was backfilled with compacted materials on March 7, 2007, and covered with an asphalt layer on March 14, 2007.

3.5 Removal Area 5

On February 23, 2007, an approximately 5- by 6-foot area of floor and approximately 1.5 feet of underlying soil were removed around previous sample location 6225-0065 (3.4 mg/kg). Four discrete soil samples were collected on February 27, 2007 (B386RA05CS0819 through B386RA05CS0822) (Figure 3-1). PCBs were detected in samples B386RA05CS0819 and B386RA05CS0822 at a total concentration of 0.17 mg/kg (Table 3-1). This concentration is less than the cleanup goal of 1 mg/kg (Table 3-1). Removal Area 5 was backfilled with compacted materials on March 7, 2007, and covered with an asphalt layer on March 14, 2007.

3.6 Removal Area 6

On February 23, 2007, an approximately 5- by 5-foot area of floor and approximately 1.5 feet of underlying soil were removed around previous sample location 6225-0064 (1.6 mg/kg). Four discrete soil samples were collected on February 27, 2007 (B386RA06CS0823 through B386RA06CS0826) (Figure 3-1). PCBs were not detected above laboratory reporting limits in any of the verification soil samples (Table 3-1). Removal Area 6 was backfilled with compacted materials on March 7, 2007.

3.7 Removal Area 7

On February 26, 2007, an approximately 6- by 6-foot area of floor was removed around previous sample location 6225-0070 (4.5 mg/kg). Approximately 4 feet of underlying soil were removed, and four discrete soil samples were collected on February 27, 2007 (B386RA07CS27 through B386RA07CS0830) (Figure 3-1). PCBs were not detected above laboratory reporting limits in any of the verification soil samples (Table 3-1). Removal Area 7 was backfilled with compacted materials on March 7, 2007.

3.8 Removal Area 8

On February 20, 2007, an approximately 6- by 7-foot area of floor was removed around previous sample location 6225-0071 (3.2 mg/kg). Approximately 4 feet of underlying soil were removed, and four discrete soil samples were collected (B386RA08CS0831 through B386RA08CS0834) (Figure 3-1). PCBs were not detected above laboratory reporting limits in any of the verification soil samples (Table 3-1). Removal Area 8 was backfilled with compacted materials on March 7, 2007.

3.9 Removal Area 9

On February 26, 2007, an approximately 5- by 5-foot area of floor was removed around previous sample location 6225-0019 (2 mg/kg). Approximately 3 feet of underlying soil were removed, and four discrete soil samples were collected on February 27, 2007 (B386RA09CS0835 through B386RA09CS0838) (Figure 3-1). PCBs were not detected above laboratory reporting limits in any of the verification soil samples (Table 3-1). Removal Area 9 was backfilled with compacted materials on March 8, 2007.

3.10 Removal Area 10

On February 16, 2007, asphalt, concrete, and 3 feet of underlying soil were removed from an approximately 6- by 6-foot area around previous sample location 6225-0024 (1.6 mg/kg). Four discrete soil samples were collected on March 2, 2007 (B386RA10CS0839 through B386RA10CS0842) (Figure 3-1). PCBs were not detected above laboratory reporting limits in any of the verification soil samples (Table 3-1). Removal Area 10 was backfilled with compacted materials on March 8, 2007.

3.11 Removal Area 11

On February 23, 2007, concrete and 3 feet of underlying soil were removed from an approximately 5- by 5-foot area around previous sample location PC1734 (2.6 mg/kg). Four discrete soil samples were collected on February 28, 2007 (B386RA11CS0843 through B386RA11CS0846) (Figure 3-1). PCBs were not detected above laboratory reporting limits in any of the verification soil samples (Table 3-1). Removal Area 11 was backfilled with compacted materials on March 8, 2007.

3.12 Removal Area 12

On February 23, 2007, concrete and 3 feet of underlying soil were removed from an approximately 5- by 5-foot area adjacent to Removal Area 11 around previous sample location 6225-0013 (5 mg/kg). Four discrete soil samples were collected on February 28, 2007 (B386RA12CS0847 through B386RA12CS0850) (Figure 3-1). PCBs were not detected above laboratory reporting limits in any of the verification soil samples (Table 3-1). Removal Area 12 was backfilled with compacted materials on March 8, 2007.

3.13 Removal Area 13

On February 22, 2007, concrete and approximately 3 feet of underlying soil were removed from an approximately 7- by 6-foot area around previous sample location 6225-0256 (3.4 mg/kg). Four discrete soil samples were collected on February 28, 2007 (B386RA13CS0863 through B386RA13CS0866) (Figure 3-1). PCBs were not detected above laboratory reporting limits in any of the verification soil samples (Table 3-1). Removal Area 13 was backfilled with compacted materials on March 8, 2007.

3.14 Removal Area 14

On February 22, 2007, concrete and approximately 3 feet of underlying soil were removed from an approximately 7- by 6-foot area adjacent to Removal Area 13 around previous sample location 6225-0255 (11.2 mg/kg). Four discrete soil samples were collected on February 28, 2007 (B386RA14CS0867 through B386RA13CS0870) (Figure 3-1). PCBs were not detected above laboratory reporting limits in any of the verification soil samples (Table 3-1). Removal Area 14 was backfilled with compacted materials on March 8, 2007.

3.15 Removal Area 15

On February 15, 2007, asphalt, concrete, and approximately 4 feet of underlying soil were removed from an approximately 10- by 10-foot area around previous sample location 6225-0017 (10.1 mg/kg). Four discrete soil samples were collected on February 20, 2007 (B386RA15CS0851 through B386RA15CS0854) (Figure 3-1). PCBs were not detected above laboratory reporting limits in any of the verification soil samples (Table 3-1). Removal Area 15 was backfilled with compacted materials on March 6, 2007.

3.16 Removal Area 16

On February 15, 2007, asphalt, concrete, and approximately 3 feet of underlying soil were removed from an approximately 5-by 5-foot area around previous sample location 6225-0247 (6.9 mg/kg). Four discrete soil samples were collected on February 20, 2007 (B386RA16CS0855 through B386RA16CS0858) (Figure 3-1). PCBs were not detected above laboratory reporting limits in any of the verification soil samples (Table 3-1). Removal Area 16 was backfilled with compacted materials on March 6, 2007.

3.17 Removal Area 17

On February 22, 2007, an approximately 5- by 5-foot area of floor and 2 feet of underlying soil were removed around previous sample location 6225-0251 (1.5 mg/kg). Four discrete soil samples were collected on February 27, 2007 (B386RA17CS0859 through B386RA17CS0862) (Figure 3-1). PCBs were detected in sample B386RA17CS0860 at a total concentration of 0.12 mg/kg, which is less than the cleanup goal of 1 mg/kg (Table 3-1).

The soil removed during the 2007 cleanup actions at Removal Areas 1 through 17 was transported off site for Class I disposal at the Kettleman Hills waste disposal facility in Kettleman City, California. Appendix B contains copies of the waste manifests for the 2007 cleanup activities at PCB Site Building 386 AL#01.

TABLE 3-1

Verification Sample Results for PCB Site Building 386 AL#01

Site Characterization and Cleanup Action Summary Report for Polychlorinated Biphenyl Site Building 386 AL#01,
Investigation Area C2, Lennar Mare Island, Vallejo, California

Sample Number	Sample Matrix	Sample Depth (feet bgs)	Sample Date	Total PCB Concentration ^a (mg/kg)	Comments
B386RA01CS0801	Soil	3	03/02/2007	<0.095	
B386RA01CS0802	Soil	3	03/02/2007	<0.087	
B386RA01CS0803	Soil	3	03/02/2007	<0.096	
B386RA01CS0804	Soil	3	03/02/2007	<0.1	
B386RA02CS0805	Soil	4	03/02/2007	<0.081	
B386RA02CS0806	Soil	4	03/02/2007	<0.083	
B386RA02CS0807	Soil	4	03/02/2007	<0.085	
B386RA02CS0808	Soil	4	03/02/2007	<0.082	
B386RA02CS0809	Soil	4	03/02/2007	<0.08	
B386RA02CS0810	Soil	4	03/02/2007	<0.086	
B386RA03CS0811	Soil	3.5	02/21/2007	<0.077	
B386RA03CS0812	Soil	3.5	02/21/2007	<0.1	
B386RA03CS0813	Soil	3.5	02/21/2007	0.13	Aroclor-1254 = 0.05 mg/kg Proxy Aroclor-1242 0.027 mg/kg Proxy Aroclor-1248 0.027 mg/kg Proxy Aroclor-1260 0.027 mg/kg
B386RA03CS0814	Soil	3.5	02/21/2007	0.12	Aroclor-1254 = 0.06 mg/kg Proxy Aroclor-1242 0.02 mg/kg Proxy Aroclor-1248 0.02 mg/kg Proxy Aroclor-1260 0.02 mg/kg
B386RA04CS0815	Soil	2.5	02/27/2007	<0.076	
B386RA04CS0816	Soil	2.5	02/27/2007	<0.085	
B386RA04CS0817	Soil	2.5	02/27/2007	<0.077	
B386RA04CS0818	Soil	2.5	02/27/2007	<0.082	
B386RA05CS0819	Soil	2.5	02/27/2007	0.17	Aroclor-1254 = 0.11 mg/kg Proxy Aroclor-1242 0.018 mg/kg Proxy Aroclor-1248 0.018 mg/kg Proxy Aroclor-1260 0.018 mg/kg
B386RA05CS0820	Soil	2.5	02/27/2007	<0.074	
B386RA05CS0821	Soil	2.5	02/27/2007	<0.081	
B386RA05CS0822	Soil	2.5	02/27/2007	0.17	Aroclor-1262 ^b = 0.091 mg/kg Proxy Aroclor-1242 0.02 mg/kg Proxy Aroclor-1248 0.02 mg/kg Proxy Aroclor-1254 0.02 mg/kg Proxy Aroclor-1260 0.02 mg/kg
B386RA06CS0823	Soil	2.5	02/27/2007	<0.087	
B386RA06CS0824	Soil	2.5	02/27/2007	<0.084	
B386RA06CS0825	Soil	2.5	02/27/2007	<0.092	
B386RA06CS0826	Soil	2.5	02/27/2007	<0.081	
B386RA07CS0827	Soil	4.5	02/27/2007	<0.1	
B386RA07CS0828	Soil	4.5	02/27/2007	<0.089	
B386RA07CS0829	Soil	4.5	02/27/2007	<0.099	
B386RA07CS0830	Soil	4.5	02/27/2007	<0.1	
B386RA08CS0831	Soil	4.5	02/20/2007	<0.098	
B386RA08CS0832	Soil	4.5	02/20/2007	<0.1	
B386RA08CS0833	Soil	4.5	02/20/2007	<0.1	
B386RA08CS0834	Soil	4.5	02/20/2007	<0.096	

TABLE 3-1

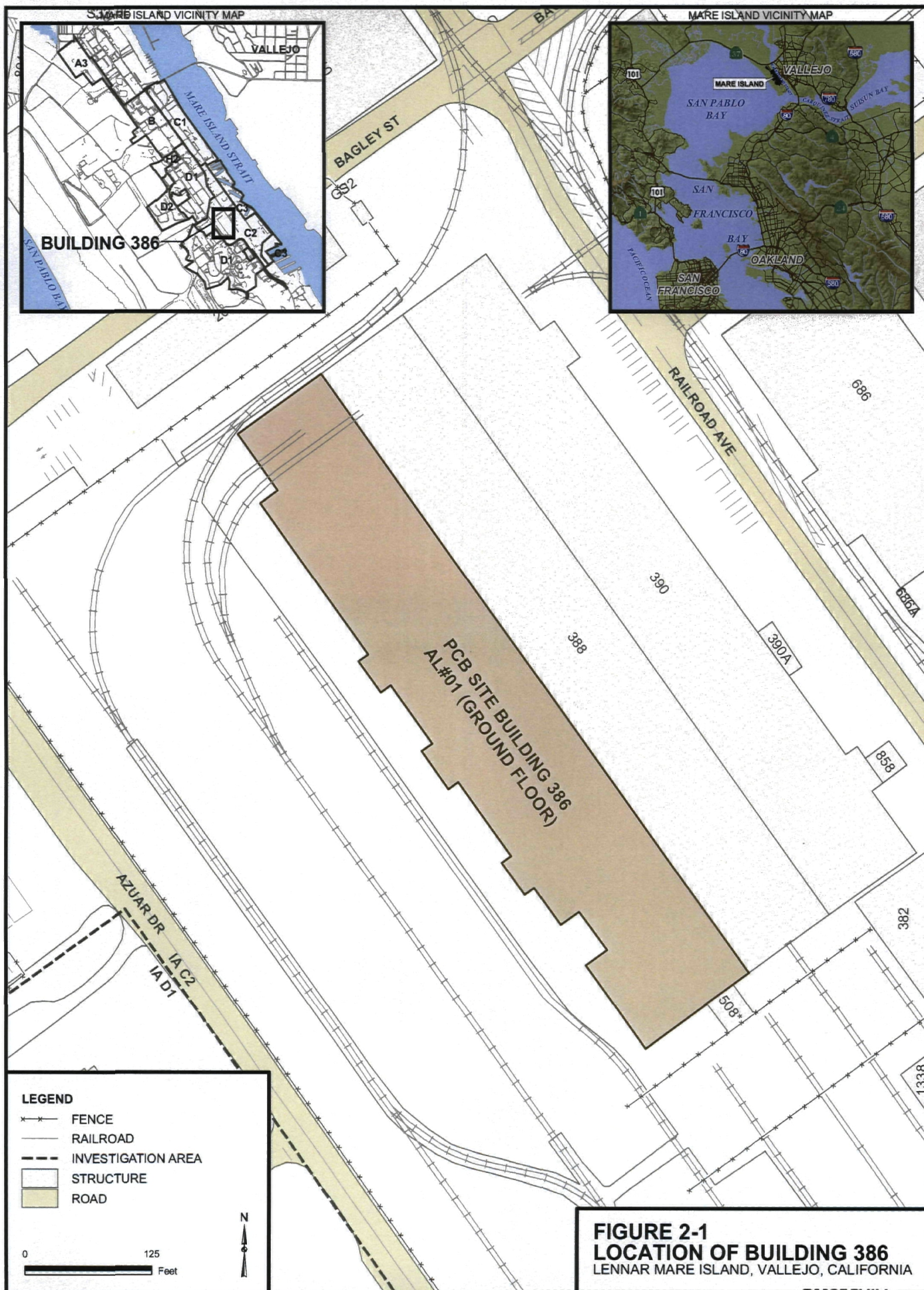
Verification Sample Results for PCB Site Building 386 AL#01

*Site Characterization and Cleanup Action Summary Report for Polychlorinated Biphenyl Site Building 386 AL#01,
Investigation Area C2, Lennar Mare Island, Vallejo, California*

Sample Number	Sample Matrix	Sample Depth (feet bgs)	Sample Date	Total PCB Concentration ^a (mg/kg)	Comments
B386RA09CS0835	Soil	3.5	02/27/2007	<0.098	
B386RA09CS0836	Soil	3.5	02/27/2007	<0.091	
B386RA09CS0837	Soil	3.5	02/27/2007	<0.083	
B386RA09CS0838	Soil	3.5	02/27/2007	<0.083	
B386RA10CS0839	Soil	3.5	02/27/2007	<0.073	
B386RA10CS0840	Soil	3.5	02/27/2007	<0.071	
B386RA10CS0841	Soil	3.5	02/27/2007	<0.087	
B386RA10CS0842	Soil	3.5	02/27/2007	<0.093	
B386RA11CS0843	Soil	3.5	02/28/2007	<0.083	
B386RA11CS0844	Soil	3.5	02/28/2007	<0.09	
B386RA11CS0845	Soil	3.5	02/28/2007	<0.091	
B386RA11CS0846	Soil	3.5	02/28/2007	<0.09	
B386RA12CS0847	Soil	3.5	02/28/2007	<0.084	
B386RA12CS0848	Soil	3.5	02/28/2007	<0.093	
B386RA12CS0849	Soil	3.5	02/28/2007	<0.096	
B386RA12CS0850	Soil	3.5	02/28/2007	<0.086	
B386RA13CS0863	Soil	3.5	02/28/2007	<0.073	
B386RA13CS0864	Soil	3.5	02/28/2007	<0.078	
B386RA13CS0865	Soil	3.5	02/28/2007	<0.079	
B386RA13CS0866	Soil	3.5	02/28/2007	<0.086	
B386RA14CS0867	Soil	3.5	02/28/2007	<0.071	
B386RA14CS0868	Soil	3.5	02/28/2007	<0.079	
B386RA14CS0869	Soil	3.5	02/28/2007	<0.074	
B386RA14CS0870	Soil	3.5	02/28/2007	<0.088	
B386RA15CS0851	Soil	5	02/20/2007	<0.086	
B386RA15CS0852	Soil	5	02/20/2007	<0.1	
B386RA15CS0853	Soil	5	02/20/2007	<0.094	
B386RA15CS0854	Soil	5	02/20/2007	<0.098	
B386RA16CS0855	Soil	4	02/20/2007	<0.071	
B386RA16CS0856	Soil	4	02/20/2007	<0.071	
B386RA16CS0857	Soil	4	02/20/2007	<0.095	
B386RA16CS0858	Soil	4	02/20/2007	<0.093	
B386RA17CS0859	Soil	3	02/27/2007	<0.064	
B386RA17CS0860	Soil	3	02/27/2007	0.12	Aroclor-1260 = 0.056 mg/kg Proxy Aroclor-1242 0.021 mg/kg Proxy Aroclor-1248 0.021 mg/kg Proxy Aroclor-1254 0.021 mg/kg
B386RA17CS0861	Soil	3	02/27/2007	<0.081	
B386RA17CS0862	Soil	3	02/27/2007	<0.082	

^aTotal PCBs were calculated by summing all of the detected Aroclors or by using proxy value of one-half the reporting limit for historically detected Aroclors and adding this to detected Aroclors. Proxy values are shown only when PCBs are detected.

^bAroclor-1262 was reported by the laboratory for this sample. Based on it's infrequency of detection at this assessment location, Aroclor-1262 has not been included in proxy calculations for Building 386 AL#01.



**PARTIALLY SCANNED
OVERSIZE ITEM(S)**

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4.0 Polychlorinated Biphenyl Site Closure Process

Under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), NFA is appropriate at a PCB site if no potential source and no PCB contamination are present (CH2M HILL 2003). Even if a potential source or PCB contamination is present in machinery or building materials, under CERCLA, NFA is appropriate at a site if there has been no release of PCBs to soil or groundwater and no visible pathway exists for migration of PCBs to soil or groundwater (CH2M HILL 2003). If there has been a known release to soil or groundwater, NFA is also appropriate if the detected PCB concentrations in soil and groundwater do not exceed the applicable preliminary remediation goal, or if results of a site-specific risk evaluation demonstrate that potential risks associated with exposure to residual PCBs are within the risk-management range generally used to determine whether cleanup is necessary.

No further sampling or cleanup is necessary at PCB Site Building 386 AL#01. Following the 2007 cleanup actions, the maximum remaining PCB concentrations are 0.2 mg/kg in concrete (sample PC1732), 0.2 mg/kg in asphalt (sample PC1740), 0.17 mg/kg in soil (samples B386RA05CS0819 and B386RA05CS0822), and 6.6 µg/100 cm² in wipe sample 6225-0056. These remaining PCB concentrations are below the TSCA cleanup goals of 1 mg/kg and 10 µg/100 cm².

Under TSCA, an NFA determination would be protective of human health and the environment at PCB Site Building 386 AL#01. The conditions for USEPA closure of PCB sites have been satisfied at this site.

5.0 Conclusions

No further sampling or cleanup actions are necessary at PCB Site Building 386 AL#01. In February and March 2007, CH2M HILL removed concrete, asphalt, and soil containing elevated concentrations of PCBs. Following the removal actions, verification samples were collected and analyzed to verify that elevated concentrations of PCBs had been removed from the site. The maximum remaining PCB concentrations are 0.2J mg/kg in concrete (sample PC1732), 0.2 mg/kg in asphalt (sample PC1740), and 0.17 mg/kg in soil (samples B386RA05CS0819 and B386RA05CS0822), and 6.6 µg/100 cm² in wipe sample 6225-0056. Therefore, PCBs do not remain at PCB Site Building 386 AL#01 at concentrations greater than the TSCA cleanup goals of 1 mg/kg and 10 µg/100 cm².

An NFA determination would be protective of human health and the environment at PCB Site Building 386 AL#01. Under TSCA, NFA is appropriate at PCB Site Building 386 AL#01 because of the following conclusions:

- The source of the PCBs at this site no longer exists.
- The remaining detectable total PCB concentrations are less than 1 mg/kg and 10 µg/100 cm².

The conditions for USEPA closure of PCB sites have been satisfied at this site. Therefore, it is requested that USEPA issue an NFA determination for PCB Site Building 386 AL#01.

6.0 References

- CH2M HILL. 2003. *Final Polychlorinated Biphenyl Work Plan*. March 7.
- _____. 2006. Letter. "Notification Regarding Self-Implementing On-site Cleanup and Disposal of Polychlorinated Biphenyl Remediation Waste at PCB Site Building 386 AL#01 in Investigation Area C2, Eastern Early Transfer Parcel, Lennar Mare Island, Vallejo, California." November 1.
- _____. 2007. Letter. "Addendum to the Notification Regarding Self-Implementing On-site Cleanup and Disposal of Polychlorinated Biphenyl Remediation Waste at PCB Site Building 386 AL#01 in Investigation Area C2, Eastern Early Transfer Parcel, Lennar Mare Island, California." January 5.
- Lennar Mare Island, LLC (LMI), the City of Vallejo, and the State of California Environmental Protection Agency, Department of Toxic Substances Control. 2001. *Consent Agreement between Lennar Mare Island, the City of Vallejo, and the State of California, California Environmental Protection Agency, Department of Toxic Substances Control*. April 16.
- Supervisor of Shipbuilding, Conversion and Repair, Portsmouth, Virginia, Environmental Detachment (SSPORTS). 1996a. *Polychlorinated Biphenyl (PCB) Assessment for Parcel 05-A*. October 7.
- _____. 1996b. *PCB Decontamination Technical Work Document (TWD). PCB-Contaminated Spill Site, Building 386 Floor Decontamination*. TWD No. 96-1370. November 5.
- SWA Group. 2000. *Preliminary Land Use Plan*. May 23.
- Tetra Tech Environmental Management, Inc. (TtEMI). 1998. *Final Basewide Polychlorinated Biphenyl Confirmation Sampling Summary Report*. February 13.
- United States Environmental Protection Agency (USEPA). 2006. Letter. "Re: November 1, 2006 Notification Regarding Self-implementing On-Site Cleanup and Disposal of Polychlorinated Biphenyl Remediation Waste at PCB Site Building 386 AL#01 in Investigation Area C2, Eastern Early Transfer Parcel, Lennar Mare Island, Vallejo CA." November 20.
- _____. 2007. Letter. "Re: January 5, 2007 Addendum to the November 1, 2006 Notification of Self Implementing Cleanup and Disposal of Polychlorinated Biphenyl Waste at Building 386 in Investigation Area C2, Eastern Early Transfer Parcel, Mare Island, Vallejo, California." February 6.
- United States Environmental Protection Agency (USEPA), United States Department of the Navy (Navy), the City of Vallejo, and Lennar Mare Island, LLC. 2001. *Complaint/Consent Agreement and Final Order between Lennar Mare Island, the City of Vallejo, the U.S. Department of the Navy, and the U.S. Environmental Protection Agency Region IX*. EPA Docket No. TSCA-9-2002-0002. December 20.

Appendix A
CH2M HILL Verification Sampling
Analytical Data

Appendix A

CH2M HILL Verification Sampling Analytical Data, Building 386

Draft Site Characterization and Cleanup Action Summary Report for Polychlorinated Biphenyl Site Building 386 AL#01, Investigation Area C2, Lennar Mare Island, Vallejo, California

Future Land Use: Industrial

Land Type: Fill Material

Analyte	CAS Number	Analysis Type	Ambient Concentration for Metals (mg/Kg)	Source of Ambient Concentration [1]	Number of Samples	Number of Detections	Number of Detections >= Ambient Concentration for Metals	Average Result (mg/Kg)	Minimum Detection (mg/Kg)	Maximum Detection (mg/Kg)	Sample Date of Maximum Detection	Location of Maximum Detection	Beginning Depth (feet bgs)	Ending Depth (feet bgs)	Frequency of Detection	Minimum Detection Limit (mg/Kg)	Maximum Detection Limit (mg/Kg)
SOIL – B386																	
PCB Compounds																	
AROCLOR-1016	12674-11-2	Laboratory			70	0		4.3E-02							0%	3.2E-02	5.2E-02
AROCLOR-1221	11104-28-2	Laboratory			70	0		4.3E-02							0%	3.2E-02	5.2E-02
AROCLOR-1232	11141-16-5	Laboratory			70	0		4.3E-02							0%	3.2E-02	5.2E-02
AROCLOR-1242	53469-21-9	Laboratory			70	0		4.3E-02							0%	3.2E-02	5.2E-02
AROCLOR-1248	12672-29-6	Laboratory			70	0		4.3E-02							0%	3.2E-02	5.2E-02
AROCLOR-1254	11097-69-1	Laboratory			70	2		4.4E-02	5.4E-02	6.1E-02	2/21/2007	B386RA03CS0814	3.5	4.0	3%	3.2E-02	5.2E-02
AROCLOR-1260	11096-82-5	Laboratory			70	2		4.4E-02	5.6E-02	1.1E-01	2/27/2007	B386RA05CS0819	2.5	3.0	3%	3.2E-02	5.2E-02
AROCLOR-1262	37324-23-5	Laboratory			1	1		9.0E-02	9.0E-02	9.0E-02	2/27/2007	B386RA05CS0822	2.5	3.0	100%	3.9E-02	3.9E-02
TOTAL PCBS_B386_09132007	Total PCBS_B386_09132007	Laboratory			70	5		9.0E-02	1.2E-01	1.7E-01	2/27/2007	B386RA05CS0822	2.5	3.0	7%	None	None

For samples collected by CH2M HILL, total PCBs are calculated by summing all of the detected Aroclors or by using a proxy of one-half the reporting limit for historically detected Aroclors and adding this to detected Aroclors.

[1] Source Definition (TtEMI 2002)

The following data and sample types were excluded from this statistical summary table:

1) duplicate or other quality control samples results; 2) split samples results; 3) removed samples results; 4) samples analyzed using the toxicity characteristic leaching procedure (TCLP) or by the waste extraction test (WET) data; and 5) rejected data

For presentation, results have been rounded to two significant figures.

To calculate the average concentration, one-half the detection limit was used for U-qualified data.

Appendix A
CH2M HILL Verification Sampling Analytical Data, Building 386
Draft Site Characterization and Cleanup Action Summary Report for Polychlorinated Biphenyl Site Building 386 AL#01, Investigation Area C2, Lennar Mare Island, Vallejo, California

Location of Sample	Sample Identifier	Analyte	CAS Number	QA/QC Type	Value (mg/Kg)	Flag [1]	Date and Time of Sample	Sample Beginning Depth (ft BGS)	Sample Ending Depth (ft BGS)	Removed?	Type of Sample	Source of Measurement
PCB Compounds												
B386RA01CS0801	B386RA01-CS0801-S3	AROCLOR-1016	12674-11-2	ORIG	4.8E-02	U	3/2/2007 1:00:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA01CS0801	B386RA01-CS0801-S3	AROCLOR-1221	11104-28-2	ORIG	4.8E-02	U	3/2/2007 1:00:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA01CS0801	B386RA01-CS0801-S3	AROCLOR-1232	11141-16-5	ORIG	4.8E-02	U	3/2/2007 1:00:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA01CS0801	B386RA01-CS0801-S3	AROCLOR-1242	53469-21-9	ORIG	4.8E-02	U	3/2/2007 1:00:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA01CS0801	B386RA01-CS0801-S3	AROCLOR-1248	12672-29-6	ORIG	4.8E-02	U	3/2/2007 1:00:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA01CS0801	B386RA01-CS0801-S3	AROCLOR-1254	11097-69-1	ORIG	4.8E-02	U	3/2/2007 1:00:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA01CS0801	B386RA01-CS0801-S3	AROCLOR-1260	11096-82-5	ORIG	4.8E-02	U	3/2/2007 1:00:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA01CS0801	B386RA01-CS0801-S3	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	9.5E-02	U	3/2/2007 1:00:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA01CS0802	B386RA01-CS0802-S3	AROCLOR-1016	12674-11-2	ORIG	4.4E-02	U	3/2/2007 1:04:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA01CS0802	B386RA01-CS0802-S3	AROCLOR-1221	11104-28-2	ORIG	4.4E-02	U	3/2/2007 1:04:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA01CS0802	B386RA01-CS0802-S3	AROCLOR-1232	11141-16-5	ORIG	4.4E-02	U	3/2/2007 1:04:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA01CS0802	B386RA01-CS0802-S3	AROCLOR-1242	53469-21-9	ORIG	4.4E-02	U	3/2/2007 1:04:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA01CS0802	B386RA01-CS0802-S3	AROCLOR-1248	12672-29-6	ORIG	4.4E-02	U	3/2/2007 1:04:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA01CS0802	B386RA01-CS0802-S3	AROCLOR-1254	11097-69-1	ORIG	4.4E-02	U	3/2/2007 1:04:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA01CS0802	B386RA01-CS0802-S3	AROCLOR-1260	11096-82-5	ORIG	4.4E-02	U	3/2/2007 1:04:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA01CS0802	B386RA01-CS0802-S3	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	8.7E-02	U	3/2/2007 1:04:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA01CS0803	B386RA01-CS0803-S3	AROCLOR-1016	12674-11-2	ORIG	4.8E-02	U	3/2/2007 1:08:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA01CS0803	B386RA01-CS0803-S3	AROCLOR-1221	11104-28-2	ORIG	4.8E-02	U	3/2/2007 1:08:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA01CS0803	B386RA01-CS0803-S3	AROCLOR-1232	11141-16-5	ORIG	4.8E-02	U	3/2/2007 1:08:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA01CS0803	B386RA01-CS0803-S3	AROCLOR-1242	53469-21-9	ORIG	4.8E-02	U	3/2/2007 1:08:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA01CS0803	B386RA01-CS0803-S3	AROCLOR-1248	12672-29-6	ORIG	4.8E-02	U	3/2/2007 1:08:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA01CS0803	B386RA01-CS0803-S3	AROCLOR-1254	11097-69-1	ORIG	4.8E-02	U	3/2/2007 1:08:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA01CS0803	B386RA01-CS0803-S3	AROCLOR-1260	11096-82-5	ORIG	4.8E-02	U	3/2/2007 1:08:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA01CS0803	B386RA01-CS0803-S3	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	9.6E-02	U	3/2/2007 1:08:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA01CS0804	B386RA01-CS0804-S3	AROCLOR-1016	12674-11-2	ORIG	5.0E-02	U	3/2/2007 1:12:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA01CS0804	B386RA01-CS0804-S3	AROCLOR-1221	11104-28-2	ORIG	5.0E-02	U	3/2/2007 1:12:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA01CS0804	B386RA01-CS0804-S3	AROCLOR-1232	11141-16-5	ORIG	5.0E-02	U	3/2/2007 1:12:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA01CS0804	B386RA01-CS0804-S3	AROCLOR-1242	53469-21-9	ORIG	5.0E-02	U	3/2/2007 1:12:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA01CS0804	B386RA01-CS0804-S3	AROCLOR-1248	12672-29-6	ORIG	5.0E-02	U	3/2/2007 1:12:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA01CS0804	B386RA01-CS0804-S3	AROCLOR-1254	11097-69-1	ORIG	5.0E-02	U	3/2/2007 1:12:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA01CS0804	B386RA01-CS0804-S3	AROCLOR-1260	11096-82-5	ORIG	5.0E-02	U	3/2/2007 1:12:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA01CS0804	B386RA01-CS0804-S3	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	1.0E-01	U	3/2/2007 1:12:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA02CS0805	B386RA02-CS0805-S4	AROCLOR-1016	12674-11-2	ORIG	4.0E-02	U	3/2/2007 1:30:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0805	B386RA02-CS0805-S4	AROCLOR-1221	11104-28-2	ORIG	4.0E-02	U	3/2/2007 1:30:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0805	B386RA02-CS0805-S4	AROCLOR-1232	11141-16-5	ORIG	4.0E-02	U	3/2/2007 1:30:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0805	B386RA02-CS0805-S4	AROCLOR-1242	53469-21-9	ORIG	4.0E-02	U	3/2/2007 1:30:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0805	B386RA02-CS0805-S4	AROCLOR-1248	12672-29-6	ORIG	4.0E-02	U	3/2/2007 1:30:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0805	B386RA02-CS0805-S4	AROCLOR-1254	11097-69-1	ORIG	4.0E-02	U	3/2/2007 1:30:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0805	B386RA02-CS0805-S4	AROCLOR-1260	11096-82-5	ORIG	4.0E-02	U	3/2/2007 1:30:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0805	B386RA02-CS0805-S4	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	8.1E-02	U	3/2/2007 1:30:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory

NOTES:
For samples collected by CH2M HILL, Total PCB are calculated by summing detected Aroclors or by summing detected Aroclors to a proxy value (one-half the reporting limit) for historically detected Aroclors.
If Sample Depth = 999, actual Sample Depth is unknown.

[1] FLAGS
= Detected Result
U Non-Detected Result

Location of Sample	Sample Identifier	Analyte	CAS Number	QA/QC Type	Value (mg/Kg)	Flag [1]	Date and Time of Sample	Sample Beginning Depth (ft BGS)	Sample Ending Depth (ft BGS)	Removed?	Type of Sample	Source of Measurement
PCB Compounds												
B386RA02CS0806	B386RA02-CS0806-S4	AROCLOR-1016	12674-11-2	ORIG	4.2E-02	U	3/2/2007 1:34:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0806	B386RA02-CS0806-S4	AROCLOR-1221	11104-28-2	ORIG	4.2E-02	U	3/2/2007 1:34:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0806	B386RA02-CS0806-S4	AROCLOR-1232	11141-16-5	ORIG	4.2E-02	U	3/2/2007 1:34:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0806	B386RA02-CS0806-S4	AROCLOR-1242	53469-21-9	ORIG	4.2E-02	U	3/2/2007 1:34:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0806	B386RA02-CS0806-S4	AROCLOR-1248	12672-29-6	ORIG	4.2E-02	U	3/2/2007 1:34:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0806	B386RA02-CS0806-S4	AROCLOR-1254	11097-69-1	ORIG	4.2E-02	U	3/2/2007 1:34:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0806	B386RA02-CS0806-S4	AROCLOR-1260	11096-82-5	ORIG	4.2E-02	U	3/2/2007 1:34:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0806	B386RA02-CS0806-S4	Total PCBs_B386_09132007	TOTAL PCBs_B386_09132007	ORIG	8.3E-02	U	3/2/2007 1:34:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0807	B386RA02-CS0807-S4	AROCLOR-1016	12674-11-2	ORIG	4.3E-02	U	3/2/2007 1:38:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0807	B386RA02-CS0807-S4	AROCLOR-1221	11104-28-2	ORIG	4.3E-02	U	3/2/2007 1:38:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0807	B386RA02-CS0807-S4	AROCLOR-1232	11141-16-5	ORIG	4.3E-02	U	3/2/2007 1:38:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0807	B386RA02-CS0807-S4	AROCLOR-1242	53469-21-9	ORIG	4.3E-02	U	3/2/2007 1:38:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0807	B386RA02-CS0807-S4	AROCLOR-1248	12672-29-6	ORIG	4.3E-02	U	3/2/2007 1:38:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0807	B386RA02-CS0807-S4	AROCLOR-1254	11097-69-1	ORIG	4.3E-02	U	3/2/2007 1:38:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0807	B386RA02-CS0807-S4	AROCLOR-1260	11096-82-5	ORIG	4.3E-02	U	3/2/2007 1:38:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0807	B386RA02-CS0807-S4	Total PCBs_B386_09132007	TOTAL PCBs_B386_09132007	ORIG	8.5E-02	U	3/2/2007 1:38:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0808	B386RA02-CS0808-S4	AROCLOR-1016	12674-11-2	ORIG	4.1E-02	U	3/2/2007 1:42:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0808	B386RA02-CS0808-S4	AROCLOR-1221	11104-28-2	ORIG	4.1E-02	U	3/2/2007 1:42:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0808	B386RA02-CS0808-S4	AROCLOR-1232	11141-16-5	ORIG	4.1E-02	U	3/2/2007 1:42:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0808	B386RA02-CS0808-S4	AROCLOR-1242	53469-21-9	ORIG	4.1E-02	U	3/2/2007 1:42:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0808	B386RA02-CS0808-S4	AROCLOR-1248	12672-29-6	ORIG	4.1E-02	U	3/2/2007 1:42:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0808	B386RA02-CS0808-S4	AROCLOR-1254	11097-69-1	ORIG	4.1E-02	U	3/2/2007 1:42:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0808	B386RA02-CS0808-S4	AROCLOR-1260	11096-82-5	ORIG	4.1E-02	U	3/2/2007 1:42:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0808	B386RA02-CS0808-S4	Total PCBs_B386_09132007	TOTAL PCBs_B386_09132007	ORIG	8.2E-02	U	3/2/2007 1:42:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0809	B386RA02-CS0809-S4	AROCLOR-1016	12674-11-2	ORIG	4.0E-02	U	3/2/2007 1:46:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0809	B386RA02-CS0809-S4	AROCLOR-1221	11104-28-2	ORIG	4.0E-02	U	3/2/2007 1:46:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0809	B386RA02-CS0809-S4	AROCLOR-1232	11141-16-5	ORIG	4.0E-02	U	3/2/2007 1:46:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0809	B386RA02-CS0809-S4	AROCLOR-1242	53469-21-9	ORIG	4.0E-02	U	3/2/2007 1:46:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0809	B386RA02-CS0809-S4	AROCLOR-1248	12672-29-6	ORIG	4.0E-02	U	3/2/2007 1:46:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0809	B386RA02-CS0809-S4	AROCLOR-1254	11097-69-1	ORIG	4.0E-02	U	3/2/2007 1:46:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0809	B386RA02-CS0809-S4	AROCLOR-1260	11096-82-5	ORIG	4.0E-02	U	3/2/2007 1:46:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0809	B386RA02-CS0809-S4	Total PCBs_B386_09132007	TOTAL PCBs_B386_09132007	ORIG	8.0E-02	U	3/2/2007 1:46:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0810	B386RA02-CS0810-S4	AROCLOR-1016	12674-11-2	ORIG	4.3E-02	U	3/2/2007 1:50:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0810	B386RA02-CS0810-S4	AROCLOR-1221	11104-28-2	ORIG	4.3E-02	U	3/2/2007 1:50:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0810	B386RA02-CS0810-S4	AROCLOR-1232	11141-16-5	ORIG	4.3E-02	U	3/2/2007 1:50:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0810	B386RA02-CS0810-S4	AROCLOR-1242	53469-21-9	ORIG	4.3E-02	U	3/2/2007 1:50:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0810	B386RA02-CS0810-S4	AROCLOR-1248	12672-29-6	ORIG	4.3E-02	U	3/2/2007 1:50:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0810	B386RA02-CS0810-S4	AROCLOR-1254	11097-69-1	ORIG	4.3E-02	U	3/2/2007 1:50:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0810	B386RA02-CS0810-S4	AROCLOR-1260	11096-82-5	ORIG	4.3E-02	U	3/2/2007 1:50:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA02CS0810	B386RA02-CS0810-S4	Total PCBs_B386_09132007	TOTAL PCBs_B386_09132007	ORIG	8.6E-02	U	3/2/2007 1:50:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory

NOTES:
For samples collected by CH2M HILL, Total PCB are calculated by summing detected Aroclors or by summing detected Aroclors to a proxy value (one-half the reporting limit) for historically detected Aroclors.
If Sample Depth = 999, actual Sample Depth is unknown.

[1] FLAGS
= Detected Result
U Non-Detected Result

Appendix A

CH2M HILL Verification Sampling Analytical Data, Building 386
Draft Site Characterization and Cleanup Action Summary Report for Polychlorinated Biphenyl Site Building 386 AL#01, Investigation Area C2, Lennar Mare Island, Vallejo, California

Location of Sample	Sample Identifier	Analyte	CAS Number	QA/QC Type	Value (mg/Kg)	Flag [1]	Date and Time of Sample	Sample Beginning Depth (ft BGS)	Sample Ending Depth (ft BGS)	Removed?	Type of Sample	Source of Measurement
PCB Compounds												
B386RA03CS0811	B386RA03-CS0811-S3.5	AROCLOR-1016	12674-11-2	ORIG	3.9E-02	U	2/21/2007 11:15:00 AM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA03CS0811	B386RA03-CS0811-S3.5	AROCLOR-1221	11104-28-2	ORIG	3.9E-02	U	2/21/2007 11:15:00 AM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA03CS0811	B386RA03-CS0811-S3.5	AROCLOR-1232	11141-16-5	ORIG	3.9E-02	U	2/21/2007 11:15:00 AM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA03CS0811	B386RA03-CS0811-S3.5	AROCLOR-1242	53469-21-9	ORIG	3.9E-02	U	2/21/2007 11:15:00 AM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA03CS0811	B386RA03-CS0811-S3.5	AROCLOR-1248	12672-29-6	ORIG	3.9E-02	U	2/21/2007 11:15:00 AM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA03CS0811	B386RA03-CS0811-S3.5	AROCLOR-1254	11097-69-1	ORIG	3.9E-02	U	2/21/2007 11:15:00 AM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA03CS0811	B386RA03-CS0811-S3.5	AROCLOR-1260	11096-82-5	ORIG	3.9E-02	U	2/21/2007 11:15:00 AM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA03CS0811	B386RA03-CS0811-S3.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	7.7E-02	U	2/21/2007 11:15:00 AM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA03CS0812	B386RA03-CS0812-S3.5	AROCLOR-1016	12674-11-2	ORIG	5.2E-02	U	2/21/2007 11:20:00 AM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA03CS0812	B386RA03-CS0812-S3.5	AROCLOR-1221	11104-28-2	ORIG	5.2E-02	U	2/21/2007 11:20:00 AM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA03CS0812	B386RA03-CS0812-S3.5	AROCLOR-1232	11141-16-5	ORIG	5.2E-02	U	2/21/2007 11:20:00 AM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA03CS0812	B386RA03-CS0812-S3.5	AROCLOR-1242	53469-21-9	ORIG	5.2E-02	U	2/21/2007 11:20:00 AM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA03CS0812	B386RA03-CS0812-S3.5	AROCLOR-1248	12672-29-6	ORIG	5.2E-02	U	2/21/2007 11:20:00 AM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA03CS0812	B386RA03-CS0812-S3.5	AROCLOR-1254	11097-69-1	ORIG	5.2E-02	U	2/21/2007 11:20:00 AM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA03CS0812	B386RA03-CS0812-S3.5	AROCLOR-1260	11096-82-5	ORIG	5.2E-02	U	2/21/2007 11:20:00 AM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA03CS0812	B386RA03-CS0812-S3.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	1.0E-01	U	2/21/2007 11:20:00 AM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA03CS0813	B386RA03-CS0813-S3.5	AROCLOR-1016	12674-11-2	ORIG	4.8E-02	U	2/21/2007 11:25:00 AM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA03CS0813	B386RA03-CS0813-S3.5	AROCLOR-1221	11104-28-2	ORIG	4.8E-02	U	2/21/2007 11:25:00 AM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA03CS0813	B386RA03-CS0813-S3.5	AROCLOR-1232	11141-16-5	ORIG	4.8E-02	U	2/21/2007 11:25:00 AM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA03CS0813	B386RA03-CS0813-S3.5	AROCLOR-1242	53469-21-9	ORIG	4.8E-02	U	2/21/2007 11:25:00 AM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA03CS0813	B386RA03-CS0813-S3.5	AROCLOR-1248	12672-29-6	ORIG	4.8E-02	U	2/21/2007 11:25:00 AM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA03CS0813	B386RA03-CS0813-S3.5	AROCLOR-1254	11097-69-1	ORIG	5.4E-02	=	2/21/2007 11:25:00 AM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA03CS0813	B386RA03-CS0813-S3.5	AROCLOR-1260	11096-82-5	ORIG	4.8E-02	U	2/21/2007 11:25:00 AM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA03CS0813	B386RA03-CS0813-S3.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	1.3E-01	=	2/21/2007 11:25:00 AM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA03CS0814	B386RA03-CS0814-S3.5	AROCLOR-1016	12674-11-2	ORIG	3.7E-02	U	2/21/2007 11:30:00 AM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA03CS0814	B386RA03-CS0814-S3.5	AROCLOR-1221	11104-28-2	ORIG	3.7E-02	U	2/21/2007 11:30:00 AM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA03CS0814	B386RA03-CS0814-S3.5	AROCLOR-1232	11141-16-5	ORIG	3.7E-02	U	2/21/2007 11:30:00 AM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA03CS0814	B386RA03-CS0814-S3.5	AROCLOR-1242	53469-21-9	ORIG	3.7E-02	U	2/21/2007 11:30:00 AM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA03CS0814	B386RA03-CS0814-S3.5	AROCLOR-1248	12672-29-6	ORIG	3.7E-02	U	2/21/2007 11:30:00 AM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA03CS0814	B386RA03-CS0814-S3.5	AROCLOR-1254	11097-69-1	ORIG	6.1E-02	=	2/21/2007 11:30:00 AM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA03CS0814	B386RA03-CS0814-S3.5	AROCLOR-1260	11096-82-5	ORIG	3.7E-02	U	2/21/2007 11:30:00 AM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA03CS0814	B386RA03-CS0814-S3.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	1.2E-01	=	2/21/2007 11:30:00 AM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA04CS0815	B386RA04-CS0815-S2.5	AROCLOR-1016	12674-11-2	ORIG	3.8E-02	U	2/27/2007 10:45:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA04CS0815	B386RA04-CS0815-S2.5	AROCLOR-1221	11104-28-2	ORIG	3.8E-02	U	2/27/2007 10:45:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA04CS0815	B386RA04-CS0815-S2.5	AROCLOR-1232	11141-16-5	ORIG	3.8E-02	U	2/27/2007 10:45:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA04CS0815	B386RA04-CS0815-S2.5	AROCLOR-1242	53469-21-9	ORIG	3.8E-02	U	2/27/2007 10:45:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA04CS0815	B386RA04-CS0815-S2.5	AROCLOR-1248	12672-29-6	ORIG	3.8E-02	U	2/27/2007 10:45:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA04CS0815	B386RA04-CS0815-S2.5	AROCLOR-1254	11097-69-1	ORIG	3.8E-02	U	2/27/2007 10:45:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA04CS0815	B386RA04-CS0815-S2.5	AROCLOR-1260	11096-82-5	ORIG	3.8E-02	U	2/27/2007 10:45:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA04CS0815	B386RA04-CS0815-S2.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	7.6E-02	U	2/27/2007 10:45:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory

NOTES:
For samples collected by CH2M HILL, Total PCB are calculated by summing detected Aroclors or by summing detected Aroclors to a proxy value (one-half the reporting limit) for historically detected Aroclors.
If Sample Depth = 999, actual Sample Depth is unknown.

[1] FLAGS
= Detected Result
U Non-Detected Result

Appendix A
CH2M HILL Verification Sampling Analytical Data, Building 386
Draft Site Characterization and Cleanup Action Summary Report for Polychlorinated Biphenyl Site Building 386 AL#01, Investigation Area C2, Lennar Mare Island, Vallejo, California

Location of Sample	Sample Identifier	Analyte	CAS Number	QA/QC Type	Value (mg/Kg)	Flag [1]	Date and Time of Sample	Sample Beginning Depth (ft BGS)	Sample Ending Depth (ft BGS)	Removed?	Type of Sample	Source of Measurement
PCB Compounds												
B386RA04CS0816	B386RA04-CS0816-S2.5	AROCLOR-1016	12674-11-2	ORIG	4.2E-02	U	2/27/2007 10:47:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA04CS0816	B386RA04-CS0816-S2.5	AROCLOR-1221	11104-28-2	ORIG	4.2E-02	U	2/27/2007 10:47:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA04CS0816	B386RA04-CS0816-S2.5	AROCLOR-1232	11141-16-5	ORIG	4.2E-02	U	2/27/2007 10:47:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA04CS0816	B386RA04-CS0816-S2.5	AROCLOR-1242	53469-21-9	ORIG	4.2E-02	U	2/27/2007 10:47:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA04CS0816	B386RA04-CS0816-S2.5	AROCLOR-1248	12672-29-6	ORIG	4.2E-02	U	2/27/2007 10:47:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA04CS0816	B386RA04-CS0816-S2.5	AROCLOR-1254	11097-69-1	ORIG	4.2E-02	U	2/27/2007 10:47:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA04CS0816	B386RA04-CS0816-S2.5	AROCLOR-1260	11096-82-5	ORIG	4.2E-02	U	2/27/2007 10:47:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA04CS0816	B386RA04-CS0816-S2.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	8.5E-02	U	2/27/2007 10:47:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA04CS0817	B386RA04-CS0817-S2.5	AROCLOR-1016	12674-11-2	ORIG	3.9E-02	U	2/27/2007 10:49:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA04CS0817	B386RA04-CS0817-S2.5	AROCLOR-1221	11104-28-2	ORIG	3.9E-02	U	2/27/2007 10:49:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA04CS0817	B386RA04-CS0817-S2.5	AROCLOR-1232	11141-16-5	ORIG	3.9E-02	U	2/27/2007 10:49:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA04CS0817	B386RA04-CS0817-S2.5	AROCLOR-1242	53469-21-9	ORIG	3.9E-02	U	2/27/2007 10:49:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA04CS0817	B386RA04-CS0817-S2.5	AROCLOR-1248	12672-29-6	ORIG	3.9E-02	U	2/27/2007 10:49:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA04CS0817	B386RA04-CS0817-S2.5	AROCLOR-1254	11097-69-1	ORIG	3.9E-02	U	2/27/2007 10:49:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA04CS0817	B386RA04-CS0817-S2.5	AROCLOR-1260	11096-82-5	ORIG	3.9E-02	U	2/27/2007 10:49:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA04CS0817	B386RA04-CS0817-S2.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	7.7E-02	U	2/27/2007 10:49:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA04CS0818	B386RA04-CS0818-S2.5	AROCLOR-1016	12674-11-2	ORIG	4.1E-02	U	2/27/2007 10:51:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA04CS0818	B386RA04-CS0818-S2.5	AROCLOR-1221	11104-28-2	ORIG	4.1E-02	U	2/27/2007 10:51:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA04CS0818	B386RA04-CS0818-S2.5	AROCLOR-1232	11141-16-5	ORIG	4.1E-02	U	2/27/2007 10:51:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA04CS0818	B386RA04-CS0818-S2.5	AROCLOR-1242	53469-21-9	ORIG	4.1E-02	U	2/27/2007 10:51:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA04CS0818	B386RA04-CS0818-S2.5	AROCLOR-1248	12672-29-6	ORIG	4.1E-02	U	2/27/2007 10:51:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA04CS0818	B386RA04-CS0818-S2.5	AROCLOR-1254	11097-69-1	ORIG	4.1E-02	U	2/27/2007 10:51:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA04CS0818	B386RA04-CS0818-S2.5	AROCLOR-1260	11096-82-5	ORIG	4.1E-02	U	2/27/2007 10:51:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA04CS0818	B386RA04-CS0818-S2.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	8.2E-02	U	2/27/2007 10:51:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA05CS0819	B386RA05-CS0819-S2.5	AROCLOR-1016	12674-11-2	ORIG	3.6E-02	U	2/27/2007 11:26:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA05CS0819	B386RA05-CS0819-S2.5	AROCLOR-1221	11104-28-2	ORIG	3.6E-02	U	2/27/2007 11:26:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA05CS0819	B386RA05-CS0819-S2.5	AROCLOR-1232	11141-16-5	ORIG	3.6E-02	U	2/27/2007 11:26:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA05CS0819	B386RA05-CS0819-S2.5	AROCLOR-1242	53469-21-9	ORIG	3.6E-02	U	2/27/2007 11:26:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA05CS0819	B386RA05-CS0819-S2.5	AROCLOR-1248	12672-29-6	ORIG	3.6E-02	U	2/27/2007 11:26:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA05CS0819	B386RA05-CS0819-S2.5	AROCLOR-1254	11097-69-1	ORIG	3.6E-02	U	2/27/2007 11:26:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA05CS0819	B386RA05-CS0819-S2.5	AROCLOR-1260	11096-82-5	ORIG	1.1E-01	=	2/27/2007 11:26:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA05CS0819	B386RA05-CS0819-S2.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	1.7E-01	=	2/27/2007 11:26:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA05CS0820	B386RA05-CS0820-S2.5	AROCLOR-1016	12674-11-2	ORIG	3.7E-02	U	2/27/2007 11:28:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA05CS0820	B386RA05-CS0820-S2.5	AROCLOR-1221	11104-28-2	ORIG	3.7E-02	U	2/27/2007 11:28:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA05CS0820	B386RA05-CS0820-S2.5	AROCLOR-1232	11141-16-5	ORIG	3.7E-02	U	2/27/2007 11:28:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA05CS0820	B386RA05-CS0820-S2.5	AROCLOR-1242	53469-21-9	ORIG	3.7E-02	U	2/27/2007 11:28:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA05CS0820	B386RA05-CS0820-S2.5	AROCLOR-1248	12672-29-6	ORIG	3.7E-02	U	2/27/2007 11:28:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA05CS0820	B386RA05-CS0820-S2.5	AROCLOR-1254	11097-69-1	ORIG	3.7E-02	U	2/27/2007 11:28:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA05CS0820	B386RA05-CS0820-S2.5	AROCLOR-1260	11096-82-5	ORIG	3.7E-02	U	2/27/2007 11:28:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA05CS0820	B386RA05-CS0820-S2.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	7.4E-02	U	2/27/2007 11:28:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory

NOTES:
For samples collected by CH2M HILL, Total PCB are calculated by summing detected Aroclors or by summing detected Aroclors to a proxy value (one-half the reporting limit) for historically detected Aroclors.
If Sample Depth = 999, actual Sample Depth is unknown.

[1] FLAGS
= Detected Result
U Non-Detected Result

Appendix A
CH2M HILL Verification Sampling Analytical Data, Building 386
Draft Site Characterization and Cleanup Action Summary Report for Polychlorinated Biphenyl Site Building 386 AL#01, Investigation Area C2, Lennar Mare Island, Vallejo, California

Location of Sample	Sample Identifier	Analyte	CAS Number	QA/QC Type	Value (mg/Kg)	Flag [1]	Date and Time of Sample	Sample Beginning Depth (ft BGS)	Sample Ending Depth (ft BGS)	Removed?	Type of Sample	Source of Measurement
PCB Compounds												
B386RA05CS0821	B386RA05-CS0821-S2.5	AROCLOR-1016	12674-11-2	ORIG	4.1E-02	U	2/27/2007 11:30:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA05CS0821	B386RA05-CS0821-S2.5	AROCLOR-1221	11104-28-2	ORIG	4.1E-02	U	2/27/2007 11:30:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA05CS0821	B386RA05-CS0821-S2.5	AROCLOR-1232	11141-16-5	ORIG	4.1E-02	U	2/27/2007 11:30:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA05CS0821	B386RA05-CS0821-S2.5	AROCLOR-1242	53469-21-9	ORIG	4.1E-02	U	2/27/2007 11:30:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA05CS0821	B386RA05-CS0821-S2.5	AROCLOR-1248	12672-29-6	ORIG	4.1E-02	U	2/27/2007 11:30:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA05CS0821	B386RA05-CS0821-S2.5	AROCLOR-1254	11097-69-1	ORIG	4.1E-02	U	2/27/2007 11:30:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA05CS0821	B386RA05-CS0821-S2.5	AROCLOR-1260	11096-82-5	ORIG	4.1E-02	U	2/27/2007 11:30:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA05CS0821	B386RA05-CS0821-S2.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	8.1E-02	U	2/27/2007 11:30:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA05CS0822	B386RA05-CS0822-S2.5	AROCLOR-1016	12674-11-2	ORIG	3.9E-02	U	2/27/2007 11:31:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA05CS0822	B386RA05-CS0822-S2.5	AROCLOR-1221	11104-28-2	ORIG	3.9E-02	U	2/27/2007 11:31:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA05CS0822	B386RA05-CS0822-S2.5	AROCLOR-1232	11141-16-5	ORIG	3.9E-02	U	2/27/2007 11:31:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA05CS0822	B386RA05-CS0822-S2.5	AROCLOR-1242	53469-21-9	ORIG	3.9E-02	U	2/27/2007 11:31:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA05CS0822	B386RA05-CS0822-S2.5	AROCLOR-1248	12672-29-6	ORIG	3.9E-02	U	2/27/2007 11:31:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA05CS0822	B386RA05-CS0822-S2.5	AROCLOR-1254	11097-69-1	ORIG	3.9E-02	U	2/27/2007 11:31:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA05CS0822	B386RA05-CS0822-S2.5	AROCLOR-1260	11096-82-5	ORIG	3.9E-02	U	2/27/2007 11:31:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA05CS0822	B386RA05-CS0822-S2.5	AROCLOR-1262	37324-23-5	ORIG	9.0E-02	=	2/27/2007 11:31:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA05CS0822	B386RA05-CS0822-S2.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	1.7E-01	=	2/27/2007 11:31:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA06CS0823	B386RA06-CS0823-S2.5	AROCLOR-1016	12674-11-2	ORIG	4.4E-02	U	2/27/2007 11:09:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA06CS0823	B386RA06-CS0823-S2.5	AROCLOR-1221	11104-28-2	ORIG	4.4E-02	U	2/27/2007 11:09:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA06CS0823	B386RA06-CS0823-S2.5	AROCLOR-1232	11141-16-5	ORIG	4.4E-02	U	2/27/2007 11:09:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA06CS0823	B386RA06-CS0823-S2.5	AROCLOR-1242	53469-21-9	ORIG	4.4E-02	U	2/27/2007 11:09:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA06CS0823	B386RA06-CS0823-S2.5	AROCLOR-1248	12672-29-6	ORIG	4.4E-02	U	2/27/2007 11:09:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA06CS0823	B386RA06-CS0823-S2.5	AROCLOR-1254	11097-69-1	ORIG	4.4E-02	U	2/27/2007 11:09:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA06CS0823	B386RA06-CS0823-S2.5	AROCLOR-1260	11096-82-5	ORIG	4.4E-02	U	2/27/2007 11:09:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA06CS0823	B386RA06-CS0823-S2.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	8.7E-02	U	2/27/2007 11:09:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA06CS0824	B386RA06-CS0824-S2.5	AROCLOR-1016	12674-11-2	ORIG	4.2E-02	U	2/27/2007 11:11:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA06CS0824	B386RA06-CS0824-S2.5	AROCLOR-1221	11104-28-2	ORIG	4.2E-02	U	2/27/2007 11:11:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA06CS0824	B386RA06-CS0824-S2.5	AROCLOR-1232	11141-16-5	ORIG	4.2E-02	U	2/27/2007 11:11:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA06CS0824	B386RA06-CS0824-S2.5	AROCLOR-1242	53469-21-9	ORIG	4.2E-02	U	2/27/2007 11:11:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA06CS0824	B386RA06-CS0824-S2.5	AROCLOR-1248	12672-29-6	ORIG	4.2E-02	U	2/27/2007 11:11:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA06CS0824	B386RA06-CS0824-S2.5	AROCLOR-1254	11097-69-1	ORIG	4.2E-02	U	2/27/2007 11:11:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA06CS0824	B386RA06-CS0824-S2.5	AROCLOR-1260	11096-82-5	ORIG	4.2E-02	U	2/27/2007 11:11:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA06CS0824	B386RA06-CS0824-S2.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	8.4E-02	U	2/27/2007 11:11:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA06CS0825	B386RA06-CS0825-S2.5	AROCLOR-1016	12674-11-2	ORIG	4.6E-02	U	2/27/2007 11:12:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA06CS0825	B386RA06-CS0825-S2.5	AROCLOR-1221	11104-28-2	ORIG	4.6E-02	U	2/27/2007 11:12:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA06CS0825	B386RA06-CS0825-S2.5	AROCLOR-1232	11141-16-5	ORIG	4.6E-02	U	2/27/2007 11:12:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA06CS0825	B386RA06-CS0825-S2.5	AROCLOR-1242	53469-21-9	ORIG	4.6E-02	U	2/27/2007 11:12:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA06CS0825	B386RA06-CS0825-S2.5	AROCLOR-1248	12672-29-6	ORIG	4.6E-02	U	2/27/2007 11:12:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA06CS0825	B386RA06-CS0825-S2.5	AROCLOR-1254	11097-69-1	ORIG	4.6E-02	U	2/27/2007 11:12:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA06CS0825	B386RA06-CS0825-S2.5	AROCLOR-1260	11096-82-5	ORIG	4.6E-02	U	2/27/2007 11:12:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory

NOTES:
For samples collected by CH2M HILL, Total PCB are calculated by summing detected Aroclors or by summing detected Aroclors to a proxy value (one-half the reporting limit) for historically detected Aroclors.
If Sample Depth = 999, actual Sample Depth is unknown.

[1] FLAGS
= Detected Result
U Non-Detected Result

Location of Sample	Sample Identifier	Analyte	CAS Number	QA/QC Type	Value (mg/Kg)	Flag [1]	Date and Time of Sample	Sample Beginning Depth (ft BGS)	Sample Ending Depth (ft BGS)	Removed?	Type of Sample	Source of Measurement
PCB Compounds												
B386RA06CS0825	B386RA06-CS0825-S2.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	9.2E-02	U	2/27/2007 11:12:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA06CS0826	B386RA06-CS0826-S2.5	AROCLOR-1016	12674-11-2	ORIG	4.1E-02	U	2/27/2007 11:13:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA06CS0826	B386RA06-CS0826-S2.5	AROCLOR-1221	11104-28-2	ORIG	4.1E-02	U	2/27/2007 11:13:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA06CS0826	B386RA06-CS0826-S2.5	AROCLOR-1232	11141-16-5	ORIG	4.1E-02	U	2/27/2007 11:13:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA06CS0826	B386RA06-CS0826-S2.5	AROCLOR-1242	53469-21-9	ORIG	4.1E-02	U	2/27/2007 11:13:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA06CS0826	B386RA06-CS0826-S2.5	AROCLOR-1248	12672-29-6	ORIG	4.1E-02	U	2/27/2007 11:13:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA06CS0826	B386RA06-CS0826-S2.5	AROCLOR-1254	11097-69-1	ORIG	4.1E-02	U	2/27/2007 11:13:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA06CS0826	B386RA06-CS0826-S2.5	AROCLOR-1260	11096-82-5	ORIG	4.1E-02	U	2/27/2007 11:13:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA06CS0826	B386RA06-CS0826-S2.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	8.1E-02	U	2/27/2007 11:13:00 AM	2.5	3.0	N	Surface Soil Sample	Laboratory
B386RA07CS0827	B386RA07-CS0827-S4.5	AROCLOR-1016	12674-11-2	ORIG	5.2E-02	U	2/27/2007 11:48:00 AM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA07CS0827	B386RA07-CS0827-S4.5	AROCLOR-1221	11104-28-2	ORIG	5.2E-02	U	2/27/2007 11:48:00 AM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA07CS0827	B386RA07-CS0827-S4.5	AROCLOR-1232	11141-16-5	ORIG	5.2E-02	U	2/27/2007 11:48:00 AM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA07CS0827	B386RA07-CS0827-S4.5	AROCLOR-1242	53469-21-9	ORIG	5.2E-02	U	2/27/2007 11:48:00 AM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA07CS0827	B386RA07-CS0827-S4.5	AROCLOR-1248	12672-29-6	ORIG	5.2E-02	U	2/27/2007 11:48:00 AM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA07CS0827	B386RA07-CS0827-S4.5	AROCLOR-1254	11097-69-1	ORIG	5.2E-02	U	2/27/2007 11:48:00 AM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA07CS0827	B386RA07-CS0827-S4.5	AROCLOR-1260	11096-82-5	ORIG	5.2E-02	U	2/27/2007 11:48:00 AM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA07CS0827	B386RA07-CS0827-S4.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	1.0E-01	U	2/27/2007 11:48:00 AM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA07CS0828	B386RA07-CS0828-S4.5	AROCLOR-1016	12674-11-2	ORIG	4.5E-02	U	2/27/2007 11:52:00 AM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA07CS0828	B386RA07-CS0828-S4.5	AROCLOR-1221	11104-28-2	ORIG	4.5E-02	U	2/27/2007 11:52:00 AM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA07CS0828	B386RA07-CS0828-S4.5	AROCLOR-1232	11141-16-5	ORIG	4.5E-02	U	2/27/2007 11:52:00 AM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA07CS0828	B386RA07-CS0828-S4.5	AROCLOR-1242	53469-21-9	ORIG	4.5E-02	U	2/27/2007 11:52:00 AM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA07CS0828	B386RA07-CS0828-S4.5	AROCLOR-1248	12672-29-6	ORIG	4.5E-02	U	2/27/2007 11:52:00 AM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA07CS0828	B386RA07-CS0828-S4.5	AROCLOR-1254	11097-69-1	ORIG	4.5E-02	U	2/27/2007 11:52:00 AM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA07CS0828	B386RA07-CS0828-S4.5	AROCLOR-1260	11096-82-5	ORIG	4.5E-02	U	2/27/2007 11:52:00 AM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA07CS0828	B386RA07-CS0828-S4.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	8.9E-02	U	2/27/2007 11:52:00 AM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA07CS0829	B386RA07-CS0829-S4.5	AROCLOR-1016	12674-11-2	ORIG	5.0E-02	U	2/27/2007 11:58:00 AM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA07CS0829	B386RA07-CS0829-S4.5	AROCLOR-1221	11104-28-2	ORIG	5.0E-02	U	2/27/2007 11:58:00 AM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA07CS0829	B386RA07-CS0829-S4.5	AROCLOR-1232	11141-16-5	ORIG	5.0E-02	U	2/27/2007 11:58:00 AM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA07CS0829	B386RA07-CS0829-S4.5	AROCLOR-1242	53469-21-9	ORIG	5.0E-02	U	2/27/2007 11:58:00 AM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA07CS0829	B386RA07-CS0829-S4.5	AROCLOR-1248	12672-29-6	ORIG	5.0E-02	U	2/27/2007 11:58:00 AM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA07CS0829	B386RA07-CS0829-S4.5	AROCLOR-1254	11097-69-1	ORIG	5.0E-02	U	2/27/2007 11:58:00 AM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA07CS0829	B386RA07-CS0829-S4.5	AROCLOR-1260	11096-82-5	ORIG	5.0E-02	U	2/27/2007 11:58:00 AM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA07CS0829	B386RA07-CS0829-S4.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	9.9E-02	U	2/27/2007 11:58:00 AM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA07CS0830	B386RA07-CS0830-S4.5	AROCLOR-1016	12674-11-2	ORIG	5.0E-02	U	2/27/2007 12:06:00 PM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA07CS0830	B386RA07-CS0830-S4.5	AROCLOR-1221	11104-28-2	ORIG	5.0E-02	U	2/27/2007 12:06:00 PM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA07CS0830	B386RA07-CS0830-S4.5	AROCLOR-1232	11141-16-5	ORIG	5.0E-02	U	2/27/2007 12:06:00 PM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA07CS0830	B386RA07-CS0830-S4.5	AROCLOR-1242	53469-21-9	ORIG	5.0E-02	U	2/27/2007 12:06:00 PM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA07CS0830	B386RA07-CS0830-S4.5	AROCLOR-1248	12672-29-6	ORIG	5.0E-02	U	2/27/2007 12:06:00 PM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA07CS0830	B386RA07-CS0830-S4.5	AROCLOR-1254	11097-69-1	ORIG	5.0E-02	U	2/27/2007 12:06:00 PM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA07CS0830	B386RA07-CS0830-S4.5	AROCLOR-1260	11096-82-5	ORIG	5.0E-02	U	2/27/2007 12:06:00 PM	4.5	5.0	N	Surface Soil Sample	Laboratory

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For samples collected by CH2M HILL, Total PCB are calculated by summing detected Aroclors or by summing detected Aroclors to a proxy value (one-half the reporting limit) for historically detected Aroclors.
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Location of Sample	Sample Identifier	Analyte	CAS Number	QA/QC Type	Value (mg/Kg)	Flag [1]	Date and Time of Sample	Sample Beginning Depth (ft BGS)	Sample Ending Depth (ft BGS)	Removed?	Type of Sample	Source of Measurement
PCB Compounds												
B386RA07CS0830	B386RA07-CS0830-S4.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	1.0E-01	U	2/27/2007 12:06:00 PM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA08CS0831	B386RA08-CS0831-S4.5	AROCLOR-1016	12674-11-2	ORIG	4.9E-02	U	2/20/2007 2:23:00 PM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA08CS0831	B386RA08-CS0831-S4.5	AROCLOR-1221	11104-28-2	ORIG	4.9E-02	U	2/20/2007 2:23:00 PM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA08CS0831	B386RA08-CS0831-S4.5	AROCLOR-1232	11141-16-5	ORIG	4.9E-02	U	2/20/2007 2:23:00 PM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA08CS0831	B386RA08-CS0831-S4.5	AROCLOR-1242	53469-21-9	ORIG	4.9E-02	U	2/20/2007 2:23:00 PM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA08CS0831	B386RA08-CS0831-S4.5	AROCLOR-1248	12672-29-6	ORIG	4.9E-02	U	2/20/2007 2:23:00 PM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA08CS0831	B386RA08-CS0831-S4.5	AROCLOR-1254	11097-69-1	ORIG	4.9E-02	U	2/20/2007 2:23:00 PM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA08CS0831	B386RA08-CS0831-S4.5	AROCLOR-1260	11096-82-5	ORIG	4.9E-02	U	2/20/2007 2:23:00 PM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA08CS0831	B386RA08-CS0831-S4.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	9.8E-02	U	2/20/2007 2:23:00 PM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA08CS0832	B386RA08-CS0832-S4.5	AROCLOR-1016	12674-11-2	ORIG	5.2E-02	U	2/20/2007 2:26:00 PM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA08CS0832	B386RA08-CS0832-S4.5	AROCLOR-1221	11104-28-2	ORIG	5.2E-02	U	2/20/2007 2:26:00 PM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA08CS0832	B386RA08-CS0832-S4.5	AROCLOR-1232	11141-16-5	ORIG	5.2E-02	U	2/20/2007 2:26:00 PM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA08CS0832	B386RA08-CS0832-S4.5	AROCLOR-1242	53469-21-9	ORIG	5.2E-02	U	2/20/2007 2:26:00 PM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA08CS0832	B386RA08-CS0832-S4.5	AROCLOR-1248	12672-29-6	ORIG	5.2E-02	U	2/20/2007 2:26:00 PM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA08CS0832	B386RA08-CS0832-S4.5	AROCLOR-1254	11097-69-1	ORIG	5.2E-02	U	2/20/2007 2:26:00 PM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA08CS0832	B386RA08-CS0832-S4.5	AROCLOR-1260	11096-82-5	ORIG	5.2E-02	U	2/20/2007 2:26:00 PM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA08CS0832	B386RA08-CS0832-S4.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	1.0E-01	U	2/20/2007 2:26:00 PM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA08CS0833	B386RA08-CS0833-S4.5	AROCLOR-1016	12674-11-2	ORIG	5.2E-02	U	2/20/2007 2:30:00 PM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA08CS0833	B386RA08-CS0833-S4.5	AROCLOR-1221	11104-28-2	ORIG	5.2E-02	U	2/20/2007 2:30:00 PM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA08CS0833	B386RA08-CS0833-S4.5	AROCLOR-1232	11141-16-5	ORIG	5.2E-02	U	2/20/2007 2:30:00 PM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA08CS0833	B386RA08-CS0833-S4.5	AROCLOR-1242	53469-21-9	ORIG	5.2E-02	U	2/20/2007 2:30:00 PM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA08CS0833	B386RA08-CS0833-S4.5	AROCLOR-1248	12672-29-6	ORIG	5.2E-02	U	2/20/2007 2:30:00 PM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA08CS0833	B386RA08-CS0833-S4.5	AROCLOR-1254	11097-69-1	ORIG	5.2E-02	U	2/20/2007 2:30:00 PM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA08CS0833	B386RA08-CS0833-S4.5	AROCLOR-1260	11096-82-5	ORIG	5.2E-02	U	2/20/2007 2:30:00 PM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA08CS0833	B386RA08-CS0833-S4.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	1.0E-01	U	2/20/2007 2:30:00 PM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA08CS0834	B386RA08-CS0834-S4.5	AROCLOR-1016	12674-11-2	ORIG	4.8E-02	U	2/20/2007 2:35:00 PM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA08CS0834	B386RA08-CS0834-S4.5	AROCLOR-1221	11104-28-2	ORIG	4.8E-02	U	2/20/2007 2:35:00 PM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA08CS0834	B386RA08-CS0834-S4.5	AROCLOR-1232	11141-16-5	ORIG	4.8E-02	U	2/20/2007 2:35:00 PM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA08CS0834	B386RA08-CS0834-S4.5	AROCLOR-1242	53469-21-9	ORIG	4.8E-02	U	2/20/2007 2:35:00 PM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA08CS0834	B386RA08-CS0834-S4.5	AROCLOR-1248	12672-29-6	ORIG	4.8E-02	U	2/20/2007 2:35:00 PM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA08CS0834	B386RA08-CS0834-S4.5	AROCLOR-1254	11097-69-1	ORIG	4.8E-02	U	2/20/2007 2:35:00 PM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA08CS0834	B386RA08-CS0834-S4.5	AROCLOR-1260	11096-82-5	ORIG	4.8E-02	U	2/20/2007 2:35:00 PM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA08CS0834	B386RA08-CS0834-S4.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	9.6E-02	U	2/20/2007 2:35:00 PM	4.5	5.0	N	Surface Soil Sample	Laboratory
B386RA09CS0835	B386RA09-CS0835-S3.5	AROCLOR-1016	12674-11-2	ORIG	4.9E-02	U	2/27/2007 12:39:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA09CS0835	B386RA09-CS0835-S3.5	AROCLOR-1221	11104-28-2	ORIG	4.9E-02	U	2/27/2007 12:39:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA09CS0835	B386RA09-CS0835-S3.5	AROCLOR-1232	11141-16-5	ORIG	4.9E-02	U	2/27/2007 12:39:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA09CS0835	B386RA09-CS0835-S3.5	AROCLOR-1242	53469-21-9	ORIG	4.9E-02	U	2/27/2007 12:39:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA09CS0835	B386RA09-CS0835-S3.5	AROCLOR-1248	12672-29-6	ORIG	4.9E-02	U	2/27/2007 12:39:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA09CS0835	B386RA09-CS0835-S3.5	AROCLOR-1254	11097-69-1	ORIG	4.9E-02	U	2/27/2007 12:39:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA09CS0835	B386RA09-CS0835-S3.5	AROCLOR-1260	11096-82-5	ORIG	4.9E-02	U	2/27/2007 12:39:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory

NOTES:
For samples collected by CH2M HILL, Total PCB are calculated by summing detected Aroclors or by summing detected Aroclors to a proxy value (one-half the reporting limit) for historically detected Aroclors.
If Sample Depth = 999, actual Sample Depth is unknown.

[1] FLAGS
= Detected Result
U Non-Detected Result

Appendix A
CH2M HILL Verification Sampling Analytical Data, Building 386
Draft Site Characterization and Cleanup Action Summary Report for Polychlorinated Biphenyl Site Building 386 AL#01, Investigation Area C2, Lennar Mare Island, Vallejo, California

Location of Sample	Sample Identifier	Analyte	CAS Number	QA/QC Type	Value (mg/Kg)	Flag [1]	Date and Time of Sample	Sample Beginning Depth (ft BGS)	Sample Ending Depth (ft BGS)	Removed?	Type of Sample	Source of Measurement
PCB Compounds												
B386RA09CS0835	B386RA09-CS0835-S3.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	9.8E-02	U	2/27/2007 12:39:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA09CS0836	B386RA09-CS0836-S3.5	AROCLOR-1016	12674-11-2	ORIG	4.6E-02	U	2/27/2007 12:43:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA09CS0836	B386RA09-CS0836-S3.5	AROCLOR-1221	11104-28-2	ORIG	4.6E-02	U	2/27/2007 12:43:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA09CS0836	B386RA09-CS0836-S3.5	AROCLOR-1232	11141-16-5	ORIG	4.6E-02	U	2/27/2007 12:43:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA09CS0836	B386RA09-CS0836-S3.5	AROCLOR-1242	53469-21-9	ORIG	4.6E-02	U	2/27/2007 12:43:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA09CS0836	B386RA09-CS0836-S3.5	AROCLOR-1248	12672-29-6	ORIG	4.6E-02	U	2/27/2007 12:43:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA09CS0836	B386RA09-CS0836-S3.5	AROCLOR-1254	11097-69-1	ORIG	4.6E-02	U	2/27/2007 12:43:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA09CS0836	B386RA09-CS0836-S3.5	AROCLOR-1260	11096-82-5	ORIG	4.6E-02	U	2/27/2007 12:43:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA09CS0836	B386RA09-CS0836-S3.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	9.1E-02	U	2/27/2007 12:43:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA09CS0837	B386RA09-CS0837-S3.5	AROCLOR-1016	12674-11-2	ORIG	4.2E-02	U	2/27/2007 12:47:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA09CS0837	B386RA09-CS0837-S3.5	AROCLOR-1221	11104-28-2	ORIG	4.2E-02	U	2/27/2007 12:47:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA09CS0837	B386RA09-CS0837-S3.5	AROCLOR-1232	11141-16-5	ORIG	4.2E-02	U	2/27/2007 12:47:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA09CS0837	B386RA09-CS0837-S3.5	AROCLOR-1242	53469-21-9	ORIG	4.2E-02	U	2/27/2007 12:47:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA09CS0837	B386RA09-CS0837-S3.5	AROCLOR-1248	12672-29-6	ORIG	4.2E-02	U	2/27/2007 12:47:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA09CS0837	B386RA09-CS0837-S3.5	AROCLOR-1254	11097-69-1	ORIG	4.2E-02	U	2/27/2007 12:47:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA09CS0837	B386RA09-CS0837-S3.5	AROCLOR-1260	11096-82-5	ORIG	4.2E-02	U	2/27/2007 12:47:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA09CS0837	B386RA09-CS0837-S3.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	8.3E-02	U	2/27/2007 12:47:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA09CS0838	B386RA09-CS0838-S3.5	AROCLOR-1016	12674-11-2	ORIG	4.1E-02	U	2/27/2007 12:51:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA09CS0838	B386RA09-CS0838-S3.5	AROCLOR-1221	11104-28-2	ORIG	4.1E-02	U	2/27/2007 12:51:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA09CS0838	B386RA09-CS0838-S3.5	AROCLOR-1232	11141-16-5	ORIG	4.1E-02	U	2/27/2007 12:51:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA09CS0838	B386RA09-CS0838-S3.5	AROCLOR-1242	53469-21-9	ORIG	4.1E-02	U	2/27/2007 12:51:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA09CS0838	B386RA09-CS0838-S3.5	AROCLOR-1248	12672-29-6	ORIG	4.1E-02	U	2/27/2007 12:51:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA09CS0838	B386RA09-CS0838-S3.5	AROCLOR-1254	11097-69-1	ORIG	4.1E-02	U	2/27/2007 12:51:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA09CS0838	B386RA09-CS0838-S3.5	AROCLOR-1260	11096-82-5	ORIG	4.1E-02	U	2/27/2007 12:51:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA09CS0838	B386RA09-CS0838-S3.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	8.3E-02	U	2/27/2007 12:51:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA10CS0839	B386RA10-CS0839-S3.5	AROCLOR-1016	12674-11-2	ORIG	3.6E-02	U	2/27/2007 12:59:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA10CS0839	B386RA10-CS0839-S3.5	AROCLOR-1221	11104-28-2	ORIG	3.6E-02	U	2/27/2007 12:59:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA10CS0839	B386RA10-CS0839-S3.5	AROCLOR-1232	11141-16-5	ORIG	3.6E-02	U	2/27/2007 12:59:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA10CS0839	B386RA10-CS0839-S3.5	AROCLOR-1242	53469-21-9	ORIG	3.6E-02	U	2/27/2007 12:59:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA10CS0839	B386RA10-CS0839-S3.5	AROCLOR-1248	12672-29-6	ORIG	3.6E-02	U	2/27/2007 12:59:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA10CS0839	B386RA10-CS0839-S3.5	AROCLOR-1254	11097-69-1	ORIG	3.6E-02	U	2/27/2007 12:59:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA10CS0839	B386RA10-CS0839-S3.5	AROCLOR-1260	11096-82-5	ORIG	3.6E-02	U	2/27/2007 12:59:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA10CS0839	B386RA10-CS0839-S3.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	7.3E-02	U	2/27/2007 12:59:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA10CS0840	B386RA10-CS0840-S3.5	AROCLOR-1016	12674-11-2	ORIG	3.6E-02	U	2/27/2007 1:06:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA10CS0840	B386RA10-CS0840-S3.5	AROCLOR-1221	11104-28-2	ORIG	3.6E-02	U	2/27/2007 1:06:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA10CS0840	B386RA10-CS0840-S3.5	AROCLOR-1232	11141-16-5	ORIG	3.6E-02	U	2/27/2007 1:06:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA10CS0840	B386RA10-CS0840-S3.5	AROCLOR-1242	53469-21-9	ORIG	3.6E-02	U	2/27/2007 1:06:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA10CS0840	B386RA10-CS0840-S3.5	AROCLOR-1248	12672-29-6	ORIG	3.6E-02	U	2/27/2007 1:06:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA10CS0840	B386RA10-CS0840-S3.5	AROCLOR-1254	11097-69-1	ORIG	3.6E-02	U	2/27/2007 1:06:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA10CS0840	B386RA10-CS0840-S3.5	AROCLOR-1260	11096-82-5	ORIG	3.6E-02	U	2/27/2007 1:06:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory

NOTES:
For samples collected by CH2M HILL, Total PCB are calculated by summing detected Aroclors or by summing detected Aroclors to a proxy value (one-half the reporting limit) for historically detected Aroclors.
If Sample Depth = 999, actual Sample Depth is unknown.

[1] FLAGS
= Detected Result
U Non-Detected Result

Appendix A
CH2M HILL Verification Sampling Analytical Data, Building 386
Draft Site Characterization and Cleanup Action Summary Report for Polychlorinated Biphenyl Site Building 386 AL#01, Investigation Area C2, Lennar Mare Island, Vallejo, California

Location of Sample	Sample Identifier	Analyte	CAS Number	QA/QC Type	Value (mg/Kg)	Flag [1]	Date and Time of Sample	Sample Beginning Depth (ft BGS)	Sample Ending Depth (ft BGS)	Removed?	Type of Sample	Source of Measurement
PCB Compounds												
B386RA10CS0840	B386RA10-CS0840-S3.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	7.1E-02	U	2/27/2007 1:06:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA10CS0841	B386RA10-CS0841-S3.5	AROCLOR-1016	12674-11-2	ORIG	4.4E-02	U	2/27/2007 1:12:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA10CS0841	B386RA10-CS0841-S3.5	AROCLOR-1221	11104-28-2	ORIG	4.4E-02	U	2/27/2007 1:12:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA10CS0841	B386RA10-CS0841-S3.5	AROCLOR-1232	11141-16-5	ORIG	4.4E-02	U	2/27/2007 1:12:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA10CS0841	B386RA10-CS0841-S3.5	AROCLOR-1242	53469-21-9	ORIG	4.4E-02	U	2/27/2007 1:12:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA10CS0841	B386RA10-CS0841-S3.5	AROCLOR-1248	12672-29-6	ORIG	4.4E-02	U	2/27/2007 1:12:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA10CS0841	B386RA10-CS0841-S3.5	AROCLOR-1254	11097-69-1	ORIG	4.4E-02	U	2/27/2007 1:12:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA10CS0841	B386RA10-CS0841-S3.5	AROCLOR-1260	11096-82-5	ORIG	4.4E-02	U	2/27/2007 1:12:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA10CS0841	B386RA10-CS0841-S3.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	8.7E-02	U	2/27/2007 1:12:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA10CS0842	B386RA10-CS0842-S3.5	AROCLOR-1016	12674-11-2	ORIG	4.6E-02	U	2/27/2007 1:18:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA10CS0842	B386RA10-CS0842-S3.5	AROCLOR-1221	11104-28-2	ORIG	4.6E-02	U	2/27/2007 1:18:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA10CS0842	B386RA10-CS0842-S3.5	AROCLOR-1232	11141-16-5	ORIG	4.6E-02	U	2/27/2007 1:18:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA10CS0842	B386RA10-CS0842-S3.5	AROCLOR-1242	53469-21-9	ORIG	4.6E-02	U	2/27/2007 1:18:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA10CS0842	B386RA10-CS0842-S3.5	AROCLOR-1248	12672-29-6	ORIG	4.6E-02	U	2/27/2007 1:18:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA10CS0842	B386RA10-CS0842-S3.5	AROCLOR-1254	11097-69-1	ORIG	4.6E-02	U	2/27/2007 1:18:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA10CS0842	B386RA10-CS0842-S3.5	AROCLOR-1260	11096-82-5	ORIG	4.6E-02	U	2/27/2007 1:18:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA10CS0842	B386RA10-CS0842-S3.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	9.3E-02	U	2/27/2007 1:18:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA11CS0843	B386RA11-CS0843-S3.5	AROCLOR-1016	12674-11-2	ORIG	4.2E-02	U	2/28/2007 1:50:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA11CS0843	B386RA11-CS0843-S3.5	AROCLOR-1221	11104-28-2	ORIG	4.2E-02	U	2/28/2007 1:50:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA11CS0843	B386RA11-CS0843-S3.5	AROCLOR-1232	11141-16-5	ORIG	4.2E-02	U	2/28/2007 1:50:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA11CS0843	B386RA11-CS0843-S3.5	AROCLOR-1242	53469-21-9	ORIG	4.2E-02	U	2/28/2007 1:50:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA11CS0843	B386RA11-CS0843-S3.5	AROCLOR-1248	12672-29-6	ORIG	4.2E-02	U	2/28/2007 1:50:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA11CS0843	B386RA11-CS0843-S3.5	AROCLOR-1254	11097-69-1	ORIG	4.2E-02	U	2/28/2007 1:50:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA11CS0843	B386RA11-CS0843-S3.5	AROCLOR-1260	11096-82-5	ORIG	4.2E-02	U	2/28/2007 1:50:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA11CS0843	B386RA11-CS0843-S3.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	8.3E-02	U	2/28/2007 1:50:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA11CS0844	B386RA11-CS0844-S3.5	AROCLOR-1016	12674-11-2	ORIG	4.5E-02	U	2/28/2007 1:55:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA11CS0844	B386RA11-CS0844-S3.5	AROCLOR-1221	11104-28-2	ORIG	4.5E-02	U	2/28/2007 1:55:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA11CS0844	B386RA11-CS0844-S3.5	AROCLOR-1232	11141-16-5	ORIG	4.5E-02	U	2/28/2007 1:55:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA11CS0844	B386RA11-CS0844-S3.5	AROCLOR-1242	53469-21-9	ORIG	4.5E-02	U	2/28/2007 1:55:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA11CS0844	B386RA11-CS0844-S3.5	AROCLOR-1248	12672-29-6	ORIG	4.5E-02	U	2/28/2007 1:55:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA11CS0844	B386RA11-CS0844-S3.5	AROCLOR-1254	11097-69-1	ORIG	4.5E-02	U	2/28/2007 1:55:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA11CS0844	B386RA11-CS0844-S3.5	AROCLOR-1260	11096-82-5	ORIG	4.5E-02	U	2/28/2007 1:55:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA11CS0844	B386RA11-CS0844-S3.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	9.0E-02	U	2/28/2007 1:55:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA11CS0845	B386RA11-CS0845-S3.5	AROCLOR-1016	12674-11-2	ORIG	4.5E-02	U	2/28/2007 2:00:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA11CS0845	B386RA11-CS0845-S3.5	AROCLOR-1221	11104-28-2	ORIG	4.5E-02	U	2/28/2007 2:00:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA11CS0845	B386RA11-CS0845-S3.5	AROCLOR-1232	11141-16-5	ORIG	4.5E-02	U	2/28/2007 2:00:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA11CS0845	B386RA11-CS0845-S3.5	AROCLOR-1242	53469-21-9	ORIG	4.5E-02	U	2/28/2007 2:00:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA11CS0845	B386RA11-CS0845-S3.5	AROCLOR-1248	12672-29-6	ORIG	4.5E-02	U	2/28/2007 2:00:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA11CS0845	B386RA11-CS0845-S3.5	AROCLOR-1254	11097-69-1	ORIG	4.5E-02	U	2/28/2007 2:00:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA11CS0845	B386RA11-CS0845-S3.5	AROCLOR-1260	11096-82-5	ORIG	4.5E-02	U	2/28/2007 2:00:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory

NOTES:
For samples collected by CH2M HILL, Total PCB are calculated by summing detected Aroclors or by summing detected Aroclors to a proxy value (one-half the reporting limit) for historically detected Aroclors.
If Sample Depth = 999, actual Sample Depth is unknown.

[1] FLAGS
= Detected Result
U Non-Detected Result

Appendix A
CH2M HILL Verification Sampling Analytical Data, Building 386
Draft Site Characterization and Cleanup Action Summary Report for Polychlorinated Biphenyl Site Building 386 AL#01, Investigation Area C2, Lennar Mare Island, Vallejo, California

Location of Sample	Sample Identifier	Analyte	CAS Number	QA/QC Type	Value (mg/Kg)	Flag [1]	Date and Time of Sample	Sample Beginning Depth (ft BGS)	Sample Ending Depth (ft BGS)	Removed?	Type of Sample	Source of Measurement
PCB Compounds												
B386RA11CS0845	B386RA11-CS0845-S3.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	9.1E-02	U	2/28/2007 2:00:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA11CS0846	B386RA11-CS0846-S3.5	AROCCLOR-1016	12674-11-2	ORIG	4.5E-02	U	2/28/2007 2:05:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA11CS0846	B386RA11-CS0846-S3.5	AROCCLOR-1221	11104-28-2	ORIG	4.5E-02	U	2/28/2007 2:05:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA11CS0846	B386RA11-CS0846-S3.5	AROCCLOR-1232	11141-16-5	ORIG	4.5E-02	U	2/28/2007 2:05:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA11CS0846	B386RA11-CS0846-S3.5	AROCCLOR-1242	53469-21-9	ORIG	4.5E-02	U	2/28/2007 2:05:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA11CS0846	B386RA11-CS0846-S3.5	AROCCLOR-1248	12672-29-6	ORIG	4.5E-02	U	2/28/2007 2:05:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA11CS0846	B386RA11-CS0846-S3.5	AROCCLOR-1254	11097-69-1	ORIG	4.5E-02	U	2/28/2007 2:05:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA11CS0846	B386RA11-CS0846-S3.5	AROCCLOR-1260	11096-82-5	ORIG	4.5E-02	U	2/28/2007 2:05:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA11CS0846	B386RA11-CS0846-S3.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	9.0E-02	U	2/28/2007 2:05:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA12CS0847	B386RA12-CS0847-S3.5	AROCCLOR-1016	12674-11-2	ORIG	4.2E-02	U	2/28/2007 2:10:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA12CS0847	B386RA12-CS0847-S3.5	AROCCLOR-1221	11104-28-2	ORIG	4.2E-02	U	2/28/2007 2:10:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA12CS0847	B386RA12-CS0847-S3.5	AROCCLOR-1232	11141-16-5	ORIG	4.2E-02	U	2/28/2007 2:10:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA12CS0847	B386RA12-CS0847-S3.5	AROCCLOR-1242	53469-21-9	ORIG	4.2E-02	U	2/28/2007 2:10:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA12CS0847	B386RA12-CS0847-S3.5	AROCCLOR-1248	12672-29-6	ORIG	4.2E-02	U	2/28/2007 2:10:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA12CS0847	B386RA12-CS0847-S3.5	AROCCLOR-1254	11097-69-1	ORIG	4.2E-02	U	2/28/2007 2:10:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA12CS0847	B386RA12-CS0847-S3.5	AROCCLOR-1260	11096-82-5	ORIG	4.2E-02	U	2/28/2007 2:10:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA12CS0847	B386RA12-CS0847-S3.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	8.4E-02	U	2/28/2007 2:10:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA12CS0848	B386RA12-CS0848-S3.5	AROCCLOR-1016	12674-11-2	ORIG	4.7E-02	U	2/28/2007 2:15:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA12CS0848	B386RA12-CS0848-S3.5	AROCCLOR-1221	11104-28-2	ORIG	4.7E-02	U	2/28/2007 2:15:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA12CS0848	B386RA12-CS0848-S3.5	AROCCLOR-1232	11141-16-5	ORIG	4.7E-02	U	2/28/2007 2:15:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA12CS0848	B386RA12-CS0848-S3.5	AROCCLOR-1242	53469-21-9	ORIG	4.7E-02	U	2/28/2007 2:15:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA12CS0848	B386RA12-CS0848-S3.5	AROCCLOR-1248	12672-29-6	ORIG	4.7E-02	U	2/28/2007 2:15:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA12CS0848	B386RA12-CS0848-S3.5	AROCCLOR-1254	11097-69-1	ORIG	4.7E-02	U	2/28/2007 2:15:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA12CS0848	B386RA12-CS0848-S3.5	AROCCLOR-1260	11096-82-5	ORIG	4.7E-02	U	2/28/2007 2:15:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA12CS0848	B386RA12-CS0848-S3.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	9.3E-02	U	2/28/2007 2:15:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA12CS0849	B386RA12-CS0849-S3.5	AROCCLOR-1016	12674-11-2	ORIG	4.8E-02	U	2/28/2007 2:20:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA12CS0849	B386RA12-CS0849-S3.5	AROCCLOR-1221	11104-28-2	ORIG	4.8E-02	U	2/28/2007 2:20:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA12CS0849	B386RA12-CS0849-S3.5	AROCCLOR-1232	11141-16-5	ORIG	4.8E-02	U	2/28/2007 2:20:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA12CS0849	B386RA12-CS0849-S3.5	AROCCLOR-1242	53469-21-9	ORIG	4.8E-02	U	2/28/2007 2:20:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA12CS0849	B386RA12-CS0849-S3.5	AROCCLOR-1248	12672-29-6	ORIG	4.8E-02	U	2/28/2007 2:20:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA12CS0849	B386RA12-CS0849-S3.5	AROCCLOR-1254	11097-69-1	ORIG	4.8E-02	U	2/28/2007 2:20:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA12CS0849	B386RA12-CS0849-S3.5	AROCCLOR-1260	11096-82-5	ORIG	4.8E-02	U	2/28/2007 2:20:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA12CS0849	B386RA12-CS0849-S3.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	9.6E-02	U	2/28/2007 2:20:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA12CS0850	B386RA12-CS0850-S3.5	AROCCLOR-1016	12674-11-2	ORIG	4.3E-02	U	2/28/2007 2:25:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA12CS0850	B386RA12-CS0850-S3.5	AROCCLOR-1221	11104-28-2	ORIG	4.3E-02	U	2/28/2007 2:25:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA12CS0850	B386RA12-CS0850-S3.5	AROCCLOR-1232	11141-16-5	ORIG	4.3E-02	U	2/28/2007 2:25:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA12CS0850	B386RA12-CS0850-S3.5	AROCCLOR-1242	53469-21-9	ORIG	4.3E-02	U	2/28/2007 2:25:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA12CS0850	B386RA12-CS0850-S3.5	AROCCLOR-1248	12672-29-6	ORIG	4.3E-02	U	2/28/2007 2:25:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA12CS0850	B386RA12-CS0850-S3.5	AROCCLOR-1254	11097-69-1	ORIG	4.3E-02	U	2/28/2007 2:25:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA12CS0850	B386RA12-CS0850-S3.5	AROCCLOR-1260	11096-82-5	ORIG	4.3E-02	U	2/28/2007 2:25:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory

NOTES:
For samples collected by CH2M HILL, Total PCB are calculated by summing detected Aroclors or by summing detected Aroclors to a proxy value (one-half the reporting limit) for historically detected Aroclors.
If Sample Depth = 999, actual Sample Depth is unknown.

[1] FLAGS
= Detected Result
U Non-Detected Result

Location of Sample	Sample Identifier	Analyte	CAS Number	QA/QC Type	Value (mg/Kg)	Flag [1]	Date and Time of Sample	Sample Beginning Depth (ft BGS)	Sample Ending Depth (ft BGS)	Removed?	Type of Sample	Source of Measurement
PCB Compounds												
B386RA12CS0850	B386RA12-CS0850-S3.5	Total PCBs_B386_09132007	TOTAL PCBs_B386_09132007	ORIG	8.6E-02	U	2/28/2007 2:25:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA13CS0863	B386RA13-CS0863-S3.5	AROCLOR-1016	12674-11-2	ORIG	3.6E-02	U	2/28/2007 1:00:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA13CS0863	B386RA13-CS0863-S3.5	AROCLOR-1221	11104-28-2	ORIG	3.6E-02	U	2/28/2007 1:00:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA13CS0863	B386RA13-CS0863-S3.5	AROCLOR-1232	11141-16-5	ORIG	3.6E-02	U	2/28/2007 1:00:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA13CS0863	B386RA13-CS0863-S3.5	AROCLOR-1242	53469-21-9	ORIG	3.6E-02	U	2/28/2007 1:00:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA13CS0863	B386RA13-CS0863-S3.5	AROCLOR-1248	12672-29-6	ORIG	3.6E-02	U	2/28/2007 1:00:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA13CS0863	B386RA13-CS0863-S3.5	AROCLOR-1254	11097-69-1	ORIG	3.6E-02	U	2/28/2007 1:00:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA13CS0863	B386RA13-CS0863-S3.5	AROCLOR-1260	11096-82-5	ORIG	3.6E-02	U	2/28/2007 1:00:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA13CS0863	B386RA13-CS0863-S3.5	Total PCBs_B386_09132007	TOTAL PCBs_B386_09132007	ORIG	7.3E-02	U	2/28/2007 1:00:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA13CS0864	B386RA13-CS0864-S3.5	AROCLOR-1016	12674-11-2	ORIG	3.9E-02	U	2/28/2007 1:05:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA13CS0864	B386RA13-CS0864-S3.5	AROCLOR-1221	11104-28-2	ORIG	3.9E-02	U	2/28/2007 1:05:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA13CS0864	B386RA13-CS0864-S3.5	AROCLOR-1232	11141-16-5	ORIG	3.9E-02	U	2/28/2007 1:05:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA13CS0864	B386RA13-CS0864-S3.5	AROCLOR-1242	53469-21-9	ORIG	3.9E-02	U	2/28/2007 1:05:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA13CS0864	B386RA13-CS0864-S3.5	AROCLOR-1248	12672-29-6	ORIG	3.9E-02	U	2/28/2007 1:05:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA13CS0864	B386RA13-CS0864-S3.5	AROCLOR-1254	11097-69-1	ORIG	3.9E-02	U	2/28/2007 1:05:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA13CS0864	B386RA13-CS0864-S3.5	AROCLOR-1260	11096-82-5	ORIG	3.9E-02	U	2/28/2007 1:05:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA13CS0864	B386RA13-CS0864-S3.5	Total PCBs_B386_09132007	TOTAL PCBs_B386_09132007	ORIG	7.8E-02	U	2/28/2007 1:05:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA13CS0865	B386RA13-CS0865-S3.5	AROCLOR-1016	12674-11-2	ORIG	3.9E-02	U	2/28/2007 1:10:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA13CS0865	B386RA13-CS0865-S3.5	AROCLOR-1221	11104-28-2	ORIG	3.9E-02	U	2/28/2007 1:10:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA13CS0865	B386RA13-CS0865-S3.5	AROCLOR-1232	11141-16-5	ORIG	3.9E-02	U	2/28/2007 1:10:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA13CS0865	B386RA13-CS0865-S3.5	AROCLOR-1242	53469-21-9	ORIG	3.9E-02	U	2/28/2007 1:10:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA13CS0865	B386RA13-CS0865-S3.5	AROCLOR-1248	12672-29-6	ORIG	3.9E-02	U	2/28/2007 1:10:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA13CS0865	B386RA13-CS0865-S3.5	AROCLOR-1254	11097-69-1	ORIG	3.9E-02	U	2/28/2007 1:10:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA13CS0865	B386RA13-CS0865-S3.5	AROCLOR-1260	11096-82-5	ORIG	3.9E-02	U	2/28/2007 1:10:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA13CS0865	B386RA13-CS0865-S3.5	Total PCBs_B386_09132007	TOTAL PCBs_B386_09132007	ORIG	7.9E-02	U	2/28/2007 1:10:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA13CS0866	B386RA13-CS0866-S3.5	AROCLOR-1016	12674-11-2	ORIG	4.3E-02	U	2/28/2007 1:15:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA13CS0866	B386RA13-CS0866-S3.5	AROCLOR-1221	11104-28-2	ORIG	4.3E-02	U	2/28/2007 1:15:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA13CS0866	B386RA13-CS0866-S3.5	AROCLOR-1232	11141-16-5	ORIG	4.3E-02	U	2/28/2007 1:15:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA13CS0866	B386RA13-CS0866-S3.5	AROCLOR-1242	53469-21-9	ORIG	4.3E-02	U	2/28/2007 1:15:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA13CS0866	B386RA13-CS0866-S3.5	AROCLOR-1248	12672-29-6	ORIG	4.3E-02	U	2/28/2007 1:15:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA13CS0866	B386RA13-CS0866-S3.5	AROCLOR-1254	11097-69-1	ORIG	4.3E-02	U	2/28/2007 1:15:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA13CS0866	B386RA13-CS0866-S3.5	AROCLOR-1260	11096-82-5	ORIG	4.3E-02	U	2/28/2007 1:15:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA13CS0866	B386RA13-CS0866-S3.5	Total PCBs_B386_09132007	TOTAL PCBs_B386_09132007	ORIG	8.6E-02	U	2/28/2007 1:15:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA14CS0867	B386RA14-CS0867-S3.5	AROCLOR-1016	12674-11-2	ORIG	3.6E-02	U	2/28/2007 1:20:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA14CS0867	B386RA14-CS0867-S3.5	AROCLOR-1221	11104-28-2	ORIG	3.6E-02	U	2/28/2007 1:20:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA14CS0867	B386RA14-CS0867-S3.5	AROCLOR-1232	11141-16-5	ORIG	3.6E-02	U	2/28/2007 1:20:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA14CS0867	B386RA14-CS0867-S3.5	AROCLOR-1242	53469-21-9	ORIG	3.6E-02	U	2/28/2007 1:20:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA14CS0867	B386RA14-CS0867-S3.5	AROCLOR-1248	12672-29-6	ORIG	3.6E-02	U	2/28/2007 1:20:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA14CS0867	B386RA14-CS0867-S3.5	AROCLOR-1254	11097-69-1	ORIG	3.6E-02	U	2/28/2007 1:20:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA14CS0867	B386RA14-CS0867-S3.5	AROCLOR-1260	11096-82-5	ORIG	3.6E-02	U	2/28/2007 1:20:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory

NOTES:
For samples collected by CH2M HILL, Total PCB are calculated by summing detected Aroclors or by summing detected Aroclors to a proxy value (one-half the reporting limit) for historically detected Aroclors.
If Sample Depth = 999, actual Sample Depth is unknown.

[1] FLAGS
= Detected Result
U Non-Detected Result

Appendix A

CH2M HILL Verification Sampling Analytical Data, Building 386
Draft Site Characterization and Cleanup Action Summary Report for Polychlorinated Biphenyl Site Building 386 AL#01, Investigation Area C2, Lennar Mare Island, Vallejo, California

Location of Sample	Sample Identifier	Analyte	CAS Number	QA/QC Type	Value (mg/Kg)	Flag [1]	Date and Time of Sample	Sample Beginning Depth (ft BGS)	Sample Ending Depth (ft BGS)	Removed?	Type of Sample	Source of Measurement
PCB Compounds												
B386RA14CS0867	B386RA14-CS0867-S3.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	7.1E-02	U	2/28/2007 1:20:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA14CS0868	B386RA14-CS0868-S3.5	AROCLOR-1016	12674-11-2	ORIG	4.0E-02	U	2/28/2007 1:25:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA14CS0868	B386RA14-CS0868-S3.5	AROCLOR-1221	11104-28-2	ORIG	4.0E-02	U	2/28/2007 1:25:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA14CS0868	B386RA14-CS0868-S3.5	AROCLOR-1232	11141-16-5	ORIG	4.0E-02	U	2/28/2007 1:25:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA14CS0868	B386RA14-CS0868-S3.5	AROCLOR-1242	53469-21-9	ORIG	4.0E-02	U	2/28/2007 1:25:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA14CS0868	B386RA14-CS0868-S3.5	AROCLOR-1248	12672-29-6	ORIG	4.0E-02	U	2/28/2007 1:25:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA14CS0868	B386RA14-CS0868-S3.5	AROCLOR-1254	11097-69-1	ORIG	4.0E-02	U	2/28/2007 1:25:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA14CS0868	B386RA14-CS0868-S3.5	AROCLOR-1260	11096-82-5	ORIG	4.0E-02	U	2/28/2007 1:25:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA14CS0868	B386RA14-CS0868-S3.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	7.9E-02	U	2/28/2007 1:25:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA14CS0869	B386RA14-CS0869-S3.5	AROCLOR-1016	12674-11-2	ORIG	3.7E-02	U	2/28/2007 1:30:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA14CS0869	B386RA14-CS0869-S3.5	AROCLOR-1221	11104-28-2	ORIG	3.7E-02	U	2/28/2007 1:30:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA14CS0869	B386RA14-CS0869-S3.5	AROCLOR-1232	11141-16-5	ORIG	3.7E-02	U	2/28/2007 1:30:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA14CS0869	B386RA14-CS0869-S3.5	AROCLOR-1242	53469-21-9	ORIG	3.7E-02	U	2/28/2007 1:30:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA14CS0869	B386RA14-CS0869-S3.5	AROCLOR-1248	12672-29-6	ORIG	3.7E-02	U	2/28/2007 1:30:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA14CS0869	B386RA14-CS0869-S3.5	AROCLOR-1254	11097-69-1	ORIG	3.7E-02	U	2/28/2007 1:30:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA14CS0869	B386RA14-CS0869-S3.5	AROCLOR-1260	11096-82-5	ORIG	3.7E-02	U	2/28/2007 1:30:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA14CS0869	B386RA14-CS0869-S3.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	7.4E-02	U	2/28/2007 1:30:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA14CS0870	B386RA14-CS0870-S3.5	AROCLOR-1016	12674-11-2	ORIG	4.4E-02	U	2/28/2007 1:35:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA14CS0870	B386RA14-CS0870-S3.5	AROCLOR-1221	11104-28-2	ORIG	4.4E-02	U	2/28/2007 1:35:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA14CS0870	B386RA14-CS0870-S3.5	AROCLOR-1232	11141-16-5	ORIG	4.4E-02	U	2/28/2007 1:35:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA14CS0870	B386RA14-CS0870-S3.5	AROCLOR-1242	53469-21-9	ORIG	4.4E-02	U	2/28/2007 1:35:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA14CS0870	B386RA14-CS0870-S3.5	AROCLOR-1248	12672-29-6	ORIG	4.4E-02	U	2/28/2007 1:35:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA14CS0870	B386RA14-CS0870-S3.5	AROCLOR-1254	11097-69-1	ORIG	4.4E-02	U	2/28/2007 1:35:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA14CS0870	B386RA14-CS0870-S3.5	AROCLOR-1260	11096-82-5	ORIG	4.4E-02	U	2/28/2007 1:35:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA14CS0870	B386RA14-CS0870-S3.5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	8.8E-02	U	2/28/2007 1:35:00 PM	3.5	4.0	N	Surface Soil Sample	Laboratory
B386RA15CS0851	B386RA15-CS0851-S5	AROCLOR-1016	12674-11-2	ORIG	4.3E-02	U	2/20/2007 2:00:00 PM	5.0	5.5	N	Surface Soil Sample	Laboratory
B386RA15CS0851	B386RA15-CS0851-S5	AROCLOR-1221	11104-28-2	ORIG	4.3E-02	U	2/20/2007 2:00:00 PM	5.0	5.5	N	Surface Soil Sample	Laboratory
B386RA15CS0851	B386RA15-CS0851-S5	AROCLOR-1232	11141-16-5	ORIG	4.3E-02	U	2/20/2007 2:00:00 PM	5.0	5.5	N	Surface Soil Sample	Laboratory
B386RA15CS0851	B386RA15-CS0851-S5	AROCLOR-1242	53469-21-9	ORIG	4.3E-02	U	2/20/2007 2:00:00 PM	5.0	5.5	N	Surface Soil Sample	Laboratory
B386RA15CS0851	B386RA15-CS0851-S5	AROCLOR-1248	12672-29-6	ORIG	4.3E-02	U	2/20/2007 2:00:00 PM	5.0	5.5	N	Surface Soil Sample	Laboratory
B386RA15CS0851	B386RA15-CS0851-S5	AROCLOR-1254	11097-69-1	ORIG	4.3E-02	U	2/20/2007 2:00:00 PM	5.0	5.5	N	Surface Soil Sample	Laboratory
B386RA15CS0851	B386RA15-CS0851-S5	AROCLOR-1260	11096-82-5	ORIG	4.3E-02	U	2/20/2007 2:00:00 PM	5.0	5.5	N	Surface Soil Sample	Laboratory
B386RA15CS0851	B386RA15-CS0851-S5	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	8.6E-02	U	2/20/2007 2:00:00 PM	5.0	5.5	N	Surface Soil Sample	Laboratory
B386RA15CS0852	B386RA15-CS0852-S5	AROCLOR-1016	12674-11-2	ORIG	5.1E-02	U	2/20/2007 2:08:00 PM	5.0	5.5	N	Surface Soil Sample	Laboratory
B386RA15CS0852	B386RA15-CS0852-S5	AROCLOR-1221	11104-28-2	ORIG	5.1E-02	U	2/20/2007 2:08:00 PM	5.0	5.5	N	Surface Soil Sample	Laboratory
B386RA15CS0852	B386RA15-CS0852-S5	AROCLOR-1232	11141-16-5	ORIG	5.1E-02	U	2/20/2007 2:08:00 PM	5.0	5.5	N	Surface Soil Sample	Laboratory
B386RA15CS0852	B386RA15-CS0852-S5	AROCLOR-1242	53469-21-9	ORIG	5.1E-02	U	2/20/2007 2:08:00 PM	5.0	5.5	N	Surface Soil Sample	Laboratory
B386RA15CS0852	B386RA15-CS0852-S5	AROCLOR-1248	12672-29-6	ORIG	5.1E-02	U	2/20/2007 2:08:00 PM	5.0	5.5	N	Surface Soil Sample	Laboratory
B386RA15CS0852	B386RA15-CS0852-S5	AROCLOR-1254	11097-69-1	ORIG	5.1E-02	U	2/20/2007 2:08:00 PM	5.0	5.5	N	Surface Soil Sample	Laboratory
B386RA15CS0852	B386RA15-CS0852-S5	AROCLOR-1260	11096-82-5	ORIG	5.1E-02	U	2/20/2007 2:08:00 PM	5.0	5.5	N	Surface Soil Sample	Laboratory

NOTES:
For samples collected by CH2M HILL, Total PCB are calculated by summing detected Aroclors or by summing detected Aroclors to a proxy value (one-half the reporting limit) for historically detected Aroclors.
If Sample Depth = 999, actual Sample Depth is unknown.

[1] FLAGS
= Detected Result
U Non-Detected Result

Location of Sample	Sample Identifier	Analyte	CAS Number	QA/QC Type	Value (mg/Kg)	Flag [1]	Date and Time of Sample	Sample Beginning Depth (ft BGS)	Sample Ending Depth (ft BGS)	Removed?	Type of Sample	Source of Measurement
PCB Compounds												
B386RA15CS0852	B386RA15-CS0852-S5	Total PCBs_B386_09132007	TOTAL PCBs_B386_09132007	ORIG	1.0E-01	U	2/20/2007 2:08:00 PM	5.0	5.5	N	Surface Soil Sample	Laboratory
B386RA15CS0853	B386RA15-CS0853-S5	AROCLOR-1016	12674-11-2	ORIG	4.7E-02	U	2/20/2007 2:13:00 PM	5.0	5.5	N	Surface Soil Sample	Laboratory
B386RA15CS0853	B386RA15-CS0853-S5	AROCLOR-1221	11104-28-2	ORIG	4.7E-02	U	2/20/2007 2:13:00 PM	5.0	5.5	N	Surface Soil Sample	Laboratory
B386RA15CS0853	B386RA15-CS0853-S5	AROCLOR-1232	11141-16-5	ORIG	4.7E-02	U	2/20/2007 2:13:00 PM	5.0	5.5	N	Surface Soil Sample	Laboratory
B386RA15CS0853	B386RA15-CS0853-S5	AROCLOR-1242	53469-21-9	ORIG	4.7E-02	U	2/20/2007 2:13:00 PM	5.0	5.5	N	Surface Soil Sample	Laboratory
B386RA15CS0853	B386RA15-CS0853-S5	AROCLOR-1248	12672-29-6	ORIG	4.7E-02	U	2/20/2007 2:13:00 PM	5.0	5.5	N	Surface Soil Sample	Laboratory
B386RA15CS0853	B386RA15-CS0853-S5	AROCLOR-1254	11097-69-1	ORIG	4.7E-02	U	2/20/2007 2:13:00 PM	5.0	5.5	N	Surface Soil Sample	Laboratory
B386RA15CS0853	B386RA15-CS0853-S5	AROCLOR-1260	11096-82-5	ORIG	4.7E-02	U	2/20/2007 2:13:00 PM	5.0	5.5	N	Surface Soil Sample	Laboratory
B386RA15CS0853	B386RA15-CS0853-S5	Total PCBs_B386_09132007	TOTAL PCBs_B386_09132007	ORIG	9.4E-02	U	2/20/2007 2:13:00 PM	5.0	5.5	N	Surface Soil Sample	Laboratory
B386RA15CS0854	B386RA15-CS0854-S5	AROCLOR-1016	12674-11-2	ORIG	4.9E-02	U	2/20/2007 2:16:00 PM	5.0	5.5	N	Surface Soil Sample	Laboratory
B386RA15CS0854	B386RA15-CS0854-S5	AROCLOR-1221	11104-28-2	ORIG	4.9E-02	U	2/20/2007 2:16:00 PM	5.0	5.5	N	Surface Soil Sample	Laboratory
B386RA15CS0854	B386RA15-CS0854-S5	AROCLOR-1232	11141-16-5	ORIG	4.9E-02	U	2/20/2007 2:16:00 PM	5.0	5.5	N	Surface Soil Sample	Laboratory
B386RA15CS0854	B386RA15-CS0854-S5	AROCLOR-1242	53469-21-9	ORIG	4.9E-02	U	2/20/2007 2:16:00 PM	5.0	5.5	N	Surface Soil Sample	Laboratory
B386RA15CS0854	B386RA15-CS0854-S5	AROCLOR-1248	12672-29-6	ORIG	4.9E-02	U	2/20/2007 2:16:00 PM	5.0	5.5	N	Surface Soil Sample	Laboratory
B386RA15CS0854	B386RA15-CS0854-S5	AROCLOR-1254	11097-69-1	ORIG	4.9E-02	U	2/20/2007 2:16:00 PM	5.0	5.5	N	Surface Soil Sample	Laboratory
B386RA15CS0854	B386RA15-CS0854-S5	AROCLOR-1260	11096-82-5	ORIG	4.9E-02	U	2/20/2007 2:16:00 PM	5.0	5.5	N	Surface Soil Sample	Laboratory
B386RA15CS0854	B386RA15-CS0854-S5	Total PCBs_B386_09132007	TOTAL PCBs_B386_09132007	ORIG	9.8E-02	U	2/20/2007 2:16:00 PM	5.0	5.5	N	Surface Soil Sample	Laboratory
B386RA16CS0855	B386RA16-CS0855-S4	AROCLOR-1016	12674-11-2	ORIG	3.6E-02	U	2/20/2007 2:48:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA16CS0855	B386RA16-CS0855-S4	AROCLOR-1221	11104-28-2	ORIG	3.6E-02	U	2/20/2007 2:48:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA16CS0855	B386RA16-CS0855-S4	AROCLOR-1232	11141-16-5	ORIG	3.6E-02	U	2/20/2007 2:48:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA16CS0855	B386RA16-CS0855-S4	AROCLOR-1242	53469-21-9	ORIG	3.6E-02	U	2/20/2007 2:48:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA16CS0855	B386RA16-CS0855-S4	AROCLOR-1248	12672-29-6	ORIG	3.6E-02	U	2/20/2007 2:48:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA16CS0855	B386RA16-CS0855-S4	AROCLOR-1254	11097-69-1	ORIG	3.6E-02	U	2/20/2007 2:48:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA16CS0855	B386RA16-CS0855-S4	AROCLOR-1260	11096-82-5	ORIG	3.6E-02	U	2/20/2007 2:48:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA16CS0855	B386RA16-CS0855-S4	Total PCBs_B386_09132007	TOTAL PCBs_B386_09132007	ORIG	7.1E-02	U	2/20/2007 2:48:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA16CS0856	B386RA16-CS0856-S4	AROCLOR-1016	12674-11-2	ORIG	3.5E-02	U	2/20/2007 2:51:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA16CS0856	B386RA16-CS0856-S4	AROCLOR-1221	11104-28-2	ORIG	3.5E-02	U	2/20/2007 2:51:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA16CS0856	B386RA16-CS0856-S4	AROCLOR-1232	11141-16-5	ORIG	3.5E-02	U	2/20/2007 2:51:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA16CS0856	B386RA16-CS0856-S4	AROCLOR-1242	53469-21-9	ORIG	3.5E-02	U	2/20/2007 2:51:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA16CS0856	B386RA16-CS0856-S4	AROCLOR-1248	12672-29-6	ORIG	3.5E-02	U	2/20/2007 2:51:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA16CS0856	B386RA16-CS0856-S4	AROCLOR-1254	11097-69-1	ORIG	3.5E-02	U	2/20/2007 2:51:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA16CS0856	B386RA16-CS0856-S4	AROCLOR-1260	11096-82-5	ORIG	3.5E-02	U	2/20/2007 2:51:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA16CS0856	B386RA16-CS0856-S4	Total PCBs_B386_09132007	TOTAL PCBs_B386_09132007	ORIG	7.1E-02	U	2/20/2007 2:51:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA16CS0857	B386RA16-CS0857-S4	AROCLOR-1016	12674-11-2	ORIG	4.7E-02	U	2/20/2007 2:56:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA16CS0857	B386RA16-CS0857-S4	AROCLOR-1221	11104-28-2	ORIG	4.7E-02	U	2/20/2007 2:56:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA16CS0857	B386RA16-CS0857-S4	AROCLOR-1232	11141-16-5	ORIG	4.7E-02	U	2/20/2007 2:56:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA16CS0857	B386RA16-CS0857-S4	AROCLOR-1242	53469-21-9	ORIG	4.7E-02	U	2/20/2007 2:56:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA16CS0857	B386RA16-CS0857-S4	AROCLOR-1248	12672-29-6	ORIG	4.7E-02	U	2/20/2007 2:56:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA16CS0857	B386RA16-CS0857-S4	AROCLOR-1254	11097-69-1	ORIG	4.7E-02	U	2/20/2007 2:56:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA16CS0857	B386RA16-CS0857-S4	AROCLOR-1260	11096-82-5	ORIG	4.7E-02	U	2/20/2007 2:56:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory

NOTES:
For samples collected by CH2M HILL, Total PCB are calculated by summing detected Aroclors or by summing detected Aroclors to a proxy value (one-half the reporting limit) for historically detected Aroclors.
If Sample Depth = 999, actual Sample Depth is unknown.

[1] FLAGS
= Detected Result
U Non-Detected Result

Location of Sample	Sample Identifier	Analyte	CAS Number	QA/QC Type	Value (mg/Kg)	Flag [1]	Date and Time of Sample	Sample Beginning Depth (ft BGS)	Sample Ending Depth (ft BGS)	Removed?	Type of Sample	Source of Measurement
PCB Compounds												
B386RA16CS0857	B386RA16-CS0857-S4	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	9.5E-02	U	2/20/2007 2:56:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA16CS0858	B386RA16-CS0858-S4	AROCLOR-1016	12674-11-2	ORIG	4.6E-02	U	2/20/2007 3:00:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA16CS0858	B386RA16-CS0858-S4	AROCLOR-1221	11104-28-2	ORIG	4.6E-02	U	2/20/2007 3:00:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA16CS0858	B386RA16-CS0858-S4	AROCLOR-1232	11141-16-5	ORIG	4.6E-02	U	2/20/2007 3:00:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA16CS0858	B386RA16-CS0858-S4	AROCLOR-1242	53469-21-9	ORIG	4.6E-02	U	2/20/2007 3:00:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA16CS0858	B386RA16-CS0858-S4	AROCLOR-1248	12672-29-6	ORIG	4.6E-02	U	2/20/2007 3:00:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA16CS0858	B386RA16-CS0858-S4	AROCLOR-1254	11097-69-1	ORIG	4.6E-02	U	2/20/2007 3:00:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA16CS0858	B386RA16-CS0858-S4	AROCLOR-1260	11096-82-5	ORIG	4.6E-02	U	2/20/2007 3:00:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA16CS0858	B386RA16-CS0858-S4	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	9.3E-02	U	2/20/2007 3:00:00 PM	4.0	4.5	N	Surface Soil Sample	Laboratory
B386RA17CS0859	B386RA17-CS0859-S3	AROCLOR-1016	12674-11-2	ORIG	3.2E-02	U	2/27/2007 1:43:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA17CS0859	B386RA17-CS0859-S3	AROCLOR-1221	11104-28-2	ORIG	3.2E-02	U	2/27/2007 1:43:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA17CS0859	B386RA17-CS0859-S3	AROCLOR-1232	11141-16-5	ORIG	3.2E-02	U	2/27/2007 1:43:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA17CS0859	B386RA17-CS0859-S3	AROCLOR-1242	53469-21-9	ORIG	3.2E-02	U	2/27/2007 1:43:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA17CS0859	B386RA17-CS0859-S3	AROCLOR-1248	12672-29-6	ORIG	3.2E-02	U	2/27/2007 1:43:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA17CS0859	B386RA17-CS0859-S3	AROCLOR-1254	11097-69-1	ORIG	3.2E-02	U	2/27/2007 1:43:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA17CS0859	B386RA17-CS0859-S3	AROCLOR-1260	11096-82-5	ORIG	3.2E-02	U	2/27/2007 1:43:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA17CS0859	B386RA17-CS0859-S3	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	6.4E-02	U	2/27/2007 1:43:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA17CS0860	B386RA17-CS0860-S3	AROCLOR-1016	12674-11-2	ORIG	4.4E-02	U	2/27/2007 1:47:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA17CS0860	B386RA17-CS0860-S3	AROCLOR-1221	11104-28-2	ORIG	4.4E-02	U	2/27/2007 1:47:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA17CS0860	B386RA17-CS0860-S3	AROCLOR-1232	11141-16-5	ORIG	4.4E-02	U	2/27/2007 1:47:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA17CS0860	B386RA17-CS0860-S3	AROCLOR-1242	53469-21-9	ORIG	4.4E-02	U	2/27/2007 1:47:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA17CS0860	B386RA17-CS0860-S3	AROCLOR-1248	12672-29-6	ORIG	4.4E-02	U	2/27/2007 1:47:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA17CS0860	B386RA17-CS0860-S3	AROCLOR-1254	11097-69-1	ORIG	4.4E-02	U	2/27/2007 1:47:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA17CS0860	B386RA17-CS0860-S3	AROCLOR-1260	11096-82-5	ORIG	5.6E-02	=	2/27/2007 1:47:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA17CS0860	B386RA17-CS0860-S3	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	1.2E-01	=	2/27/2007 1:47:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA17CS0861	B386RA17-CS0861-S3	AROCLOR-1016	12674-11-2	ORIG	4.1E-02	U	2/27/2007 1:49:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA17CS0861	B386RA17-CS0861-S3	AROCLOR-1221	11104-28-2	ORIG	4.1E-02	U	2/27/2007 1:49:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA17CS0861	B386RA17-CS0861-S3	AROCLOR-1232	11141-16-5	ORIG	4.1E-02	U	2/27/2007 1:49:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA17CS0861	B386RA17-CS0861-S3	AROCLOR-1242	53469-21-9	ORIG	4.1E-02	U	2/27/2007 1:49:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA17CS0861	B386RA17-CS0861-S3	AROCLOR-1248	12672-29-6	ORIG	4.1E-02	U	2/27/2007 1:49:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA17CS0861	B386RA17-CS0861-S3	AROCLOR-1254	11097-69-1	ORIG	4.1E-02	U	2/27/2007 1:49:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA17CS0861	B386RA17-CS0861-S3	AROCLOR-1260	11096-82-5	ORIG	4.1E-02	U	2/27/2007 1:49:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA17CS0861	B386RA17-CS0861-S3	Total PCBs_B386_09132007	TOTAL PCBS_B386_09132007	ORIG	8.1E-02	U	2/27/2007 1:49:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA17CS0862	B386RA17-CS0862-S3	AROCLOR-1016	12674-11-2	ORIG	4.1E-02	U	2/27/2007 1:52:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA17CS0862	B386RA17-CS0862-S3	AROCLOR-1221	11104-28-2	ORIG	4.1E-02	U	2/27/2007 1:52:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA17CS0862	B386RA17-CS0862-S3	AROCLOR-1232	11141-16-5	ORIG	4.1E-02	U	2/27/2007 1:52:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA17CS0862	B386RA17-CS0862-S3	AROCLOR-1242	53469-21-9	ORIG	4.1E-02	U	2/27/2007 1:52:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA17CS0862	B386RA17-CS0862-S3	AROCLOR-1248	12672-29-6	ORIG	4.1E-02	U	2/27/2007 1:52:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA17CS0862	B386RA17-CS0862-S3	AROCLOR-1254	11097-69-1	ORIG	4.1E-02	U	2/27/2007 1:52:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory
B386RA17CS0862	B386RA17-CS0862-S3	AROCLOR-1260	11096-82-5	ORIG	4.1E-02	U	2/27/2007 1:52:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory

NOTES:
For samples collected by CH2M HILL, Total PCB are calculated by summing detected Aroclors or by summing detected Aroclors to a proxy value (one-half the reporting limit) for historically detected Aroclors.
If Sample Depth = 999, actual Sample Depth is unknown.

[1] FLAGS
= Detected Result
U Non-Detected Result

Location of Sample	Sample Identifier	Analyte	CAS Number	QA/QC Type	Value (mg/Kg)	Flag [1]	Date and Time of Sample	Sample Beginning Depth (ft BGS)	Sample Ending Depth (ft BGS)	Removed?	Type of Sample	Source of Measurement
PCB Compounds												
B386RA17CS0862	B386RA17-CS0862-S3	Total PCBs_B386_09132007	TOTAL PCBs_B386_09132007	ORIG	8.2E-02	U	2/27/2007 1:52:00 PM	3.0	3.5	N	Surface Soil Sample	Laboratory

NOTES:
For samples collected by CH2M HILL, Total PCB are calculated by summing detected Aroclors or by summing detected Aroclors to a proxy value (one-half the reporting limit) for historically detected Aroclors.
If Sample Depth = 999, actual Sample Depth is unknown.

[1] FLAGS
= Detected Result
U Non-Detected Result

Appendix B
Waste Manifest for PCB Site Building 386 AL#01

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number CAR000123117		2. Page 1 of 1		3. Emergency Response Phone 1-800-438-1477		4. Manifest Tracking Number 001388160 JJK			
		5. Generator's Name and Mailing Address Lennar Mare Island LLC 690 Walnut Ave. Suite 100 Vallejo, CA 94592 Generator's Phone: 707 562-1013						Generator's Site Address (if different than mailing address) Lennar Mare Island LLC Nimitz & 11th Mare Island, CA			
6. Transporter 1 Company Name MCR POL-CAL		U.S. EPA ID Number CAR000173690									
7. Transporter 2 Company Name		U.S. EPA ID Number									
8. Designated Facility Name and Site Address Chemical Waste Management 35251 Old Skyline Road Kettleman City, CA 93239 559-386-9711 Facility's Phone:		U.S. EPA ID Number CAT000646117									
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit WL/Vol	13. Waste Codes	
						No.	Type				
	1	RQ, Environmentally Hazardous Substances, Solid N.O.S. UN3077, PG III, (Lead)				001	DT	00018	Y	611	
	2										
	3										
14. Special Handling Instructions and Additional Information Profile #: A) EH0112 Wear Proper PPE When Handling Material. Site: Nimitz & 11th ERG: Diva B386 264204 19 07											
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Offor's Printed/Typed Name: Agent for Lennar MS LLC Signature: Karen D. Lennar Month: 04 Day: 12 Year: 07											
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input checked="" type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:										
	Transporter signature (for exports only):										
	17. Transporter Acknowledgment of Receipt of Materials										
	Transporter 1 Printed/Typed Name: MARK VIBAK Signature: [Signature] Month: 04 Day: 12 Year: 07										
Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:											
DESIGNATED FACILITY	18. Discrepancy										
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection										
	Manifest Reference Number:										
	18b. Alternate Facility (or Generator) U.S. EPA ID Number:										
Facility's Phone:											
18c. Signature of Alternate Facility (or Generator) Month: Day: Year:											
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)											
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name: Kenneth W. Ward Signature: [Signature] Month: 04 Day: 13 Year: 07											

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number CAR000123117	2. Page 1 of 1	3. Emergency Response Phone 1-800-838-1477	4. Manifest Tracking Number 001388161 JJK		
5. Generator's Name and Mailing Address Lennar Mare Island LLC 690 Walnut Ave. Suite 100 Vallejo, CA 94592				Generator's Site Address (if different than mailing address) Lennar Mare Island LLC Nimitz & 11th Mare Island, CA			
Generator's Phone: 707 562-1013							
6. Transporter 1 Company Name WAH TRK				U.S. EPA ID Number CAR000103127			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address Chemical Waste Management 35251 Old Skyline Road Kettleman City, CA 93239 559-386-9711				U.S. EPA ID Number CAT000646117			
Facility's Phone:							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt/Vol	13. Waste Codes
			No.	Type			
	1.	RQ. Environmentally Hazardous Substances, Solid N.O.S. UN3077, PG III, (Lead)	001	DT	00018	Y	611
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information Profile # (a) EH0112 Wear Proper PPE When Handling Material Site: Nimitz & 11th							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offendor's Printed/Typed Name: Roger Lucich (Lennar Mare LLC) Signature: Roger D Lucich Month: 12 Day: 12 Year: 07							
INTL	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:						
	Transporter signature (for exports only):						
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name: PATRICK CARSO Signature: Patrick Carso Month: 12 Day: 12 Year: 07			Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:			
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	Manifest Reference Number:						
	18b. Alternate Facility (or Generator) U.S. EPA ID Number:						
	Facility's Phone:						
	18c. Signature of Alternate Facility (or Generator) Month: Day: Year:						
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
	1. H132	2.	3.	4.			
	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
	Printed/Typed Name: Jamie Ward Signature: Jamie Ward Month: 12 Day: 12 Year: 07						

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number CAR000123117	2. Page 1 of 1	3. Emergency Response Phone 1-800-838-1477	4. Manifest Tracking Number 001388162 JJK		
5. Generator's Name and Mailing Address Lennar Mare Island LLC 690 Walnut Ave, Suite 100 Vallejo, CA 94592				Generator's Site Address (if different than mailing address) Lennar Mare Island LLC Nimitz & 11th Mare Island, CA			
Generator's Phone: 707-562-1013							
6. Transporter 1 Company Name WAH TRK				U.S. EPA ID Number CAR000103187			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address Chemical Waste Management 35251 Old Skyline Road Kettleman City, CA 93239 559-386-9711				U.S. EPA ID Number CAT000646117			
Facility's Phone:							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers	11. Total Quantity	12. Unit Wt/Vol	13. Waste Codes	
			No. Type				
		1. RO, Environmentally Hazardous Substances, Solid N.O.S. UN3077, PG III (Lead)	001 DT	00018	Y	611	
		2.					
		3.					
		4.					
14. Special Handling Instructions and Additional Information Profile # a) RH0112 Wear Proper PPE When Handling Material Site: Nimitz & 11th LIC# 9858715 W-3 ERG Data B386 264204.19.07							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offeror's Printed/Typed Name Roger D. Linnell (Owner MELL)				Signature Roger D. Linnell		Month Day Year 10/12/07	
TRANSPORTER	16. International Shipments: <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:						
	Transporter signature (for exports only):						
DESIGNATED FACILITY	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name Tom Gao		Signature Tom Gao		Month Day Year 4/12/07		
	Transporter 2 Printed/Typed Name		Signature		Month Day Year		
18. Discrepancy							
18a. Discrepancy Indication Space: <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
18b. Alternate Facility (or Generator): Manifest Reference Number: U.S. EPA ID Number:							
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator): Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. H132		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name S. J. H. H. H.				Signature S. J. H. H. H.		Month Day Year 10/12/07	

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number CAR000123117	2. Page 1 of 1	3. Emergency Response Phone 1-800-838-1477	4. Manifest Tracking Number 001388163 JJK		
5. Generator's Name and Mailing Address Lemur Mare Island LLC 690 Walnut Ave. Suite 100 Vallejo, CA 94592			Generator's Site Address (if different than mailing address) Lemur Mare Island LLC Nimitz & 11th Mare Island, CA				
Generator's Phone: 707 562-1013							
6. Transporter 1 Company Name <i>Ex-Lima</i>			U.S. EPA ID Number CAR000174680				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address Chemical Waste Management 35251 Old Skyline Road Kittlerman City, CA 93239 559-386-9711			U.S. EPA ID Number CAT000646117				
Facility's Phone:							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit WT/Vol.	13. Waste Codes	
1	RQ, Environmentally Hazardous Substances, Solid N.O.S. UN3077, PG III, (Lead)	001	DT	00018	Y	611	
2							
3							
4							
14. Special Handling Instructions and Additional Information Profile #: a) EH0112 Wear Proper PPE When Handling Material. Site: Nimitz & 11th B386 PCB 264224. 19.87 ERG: 1/10/a L.C. 79067292							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offeror's Printed/Typed Name <i>Roger Lurch (Agent for MILE)</i>				Signature <i>Roger D Lurch</i>		Month Day Year 10/12/07	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <i>Ex-Lima</i>				Signature <i>[Signature]</i>		Month Day Year 10/12/07	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a: Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
18b: Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number:							
Facility's Phone:							
18c: Signature of Alternate Facility (or Generator) Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. H132		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a							
Printed/Typed Name <i>Thome Ward</i>				Signature <i>Thome Ward</i>		Month Day Year 10/12/07	

9067540 #69

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number CARD00123117	2. Page 1 of 1	3. Emergency Response Phone 1-800-838-1477	4. Manifest Tracking Number 002398798 JJK		
5. Generator's Name and Mailing Address Lennar More Island LLC 690 Walnut Ave. Suite 100 Vallejo, CA 94592			Generator's Site Address (if different than mailing address) Lennar More Island LLC Nimitz & 11th More Island, CA				
Generator's Phone: 707-562-1013			U.S. EPA ID Number: CA000646117				
6. Transporter 1 Company Name <i>JJ Perez & Sons</i>			U.S. EPA ID Number: CA000154076				
7. Transporter 2 Company Name			U.S. EPA ID Number:				
8. Designated Facility Name and Site Address Chemical Waste Management 35251 Old Skyline Road Kettleman City, CA 93239 559-386-9711			U.S. EPA ID Number: CAT000646117				
Facility's Phone:							
GENERATOR	9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers	11. Total Quantity	12. Unit Vol/Vol	13. Waste Codes	
			No.	Type			
	1.	RQ. Environmentally Hazardous Substances, Solid N.O.S. UN3077, PG III, (Lead)	001	DT	00018	Y	611
	2.						
	3.						
14. Special Handling Instructions and Additional Information Profile # a) EH0112 Wear Proper PPE When Handling Material. BRG. Dn/a Site: Nimitz & 11th B396 2642041A.07							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name; and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offeror's Printed/Typed Name <i>Roger Lucas (Agent for Lennar MI LLC)</i>		Signature <i>Roger Lucas</i>		Month Day Year <i>10/11/07</i>			
16. International Shipments <input type="checkbox"/> Import to U.S.		<input checked="" type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:			
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <i>Daniel Gonzalez</i>		Signature <i>Daniel Gonzalez</i>		Month Day Year <i>10/11/07</i>			
Transporter 2 Printed/Typed Name		Signature		Month Day Year			
18. Discrepancy							
18a. Discrepancy indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
Manifest Reference Number:							
18b. Alternate Facility (or Generator) U.S. EPA ID Number:							
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator) Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <i>H132</i>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a							
Printed/Typed Name <i>James W. Hall</i>		Signature <i>James W. Hall</i>		Month Day Year <i>04/12/07</i>			

9B9309

Please print or type: (Form designed for use on elite (12-pitch) typewriter.)

Form Approved OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number CAR000123117	2. Page 1 of 1	3. Emergency Response Phone 1-800-838-1477	4. Manifest Tracking Number 002398799 JJK
5. Generator's Name and Mailing Address Lennar Mare Island LLC 690 Walnut Ave. Suite 100 Vallejo, CA 94592			Generator's Site Address (if different than mailing address) Lennar Mare Island LLC Nimitz & 11th Mare Island, CA		
Generator's Phone: 707-562-1012					
6. Transporter 1 Company Name ILPERS & Sons			U.S. EPA ID Number CAR000154476		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address Chemical Waste Management 35251 Old Skyline Road Kettleman City, CA 93239 559-386-9711			U.S. EPA ID Number CAT000646117		
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity
			No.	Type	12. Unit WL/Vol.
	1.	RQ, Environmentally Hazardous Substances, Solid N.O.S. UN3077, PG III, (Lead)	001	DT	00018
	2.				Y
	3.				
13. Waste Codes					
					611
4.					
14. Special Handling Instructions and Additional Information Profile #: a) EH0112 Wear Proper PPE When Handling Material.					
ERG: 1/11/a Site: Nimitz & 11th B386 2642/A.19 07					
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.					
Generator's/Offeror's Printed/Typed Name Roger Lucich (Agent for Lennar MI LLC)		Signature <i>[Signature]</i>		Month Day Year 04/12/07	
16. International Shipments: <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
17. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name Heulind Soto		Signature <i>[Signature]</i>		Month Day Year 04/12/07	
Transporter 2 Printed/Typed Name		Signature		Month Day Year	
18. Discrepancy					
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
Manifest Reference Number: _____					
18b. Alternate Facility (or Generator) U.S. EPA ID Number					
Facility's Phone: _____					
18c. Signature of Alternate Facility (or Generator) Month Day Year					
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
1. H132		2.		3.	
4.		5.		6.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a					
Printed/Typed Name Steve W. Kishner		Signature <i>[Signature]</i>		Month Day Year 04/12/07	

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number CAR000123117	2. Page 1 of 1	3. Emergency Response Phone 1-800-838-1477	4. Manifest Tracking Number 002398800 JJK	
5. Generator's Name and Mailing Address Lennar Mare Island LLC 690 Walnut Ave. Suite 100 Vallejo, CA 94592			Generator's Site Address (if different than mailing address) Lennar Mare Island LLC Nimitz & 11th Mare Island, CA			
Generator's Phone: 707-562-1013			U.S. EPA ID Number: CAT000646117			
6. Transporter 1 Company Name <i>Sonoma & Sonoma</i>			U.S. EPA ID Number CAT000093229			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address Chemical Waste Management 35251 Old Skyline Road Kettleman City, CA 93239 559-386-9711			U.S. EPA ID Number CAT000646117			
Facility's Phone:						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
1	RQ, Environmentally Hazardous Substances, Solid N.O.S. UN3077, PG III, (Lead)	001 DT	00018	Y	611	
2						
3						
4						
14. Special Handling Instructions and Additional Information Profile # a) EH0112 Wear Proper PPE When Handling Material ERC: DNV/B Site: Nimitz & 11th 7-42-04 19.07						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Officer's Printed/Typed Name <i>Roger Fuciel</i>		Signature <i>Roger Fuciel</i>		Month Day Year 10/12/07		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:				
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <i>Manuel</i>		Signature <i>Manuel</i>		Month Day Year 07/12/07		
Transporter 2 Printed/Typed Name		Signature		Month Day Year		
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number:						
18b. Alternate Facility (or Generator)						
U.S. EPA ID Number:						
Facility's Phone:						
18c. Signature of Alternate Facility (or Generator)						
Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a						
Printed/Typed Name <i>Janice Wood</i>		Signature <i>Janice Wood</i>		Month Day Year 04/12/07		

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UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number CAR000123117	2. Page 1 of 1	3. Emergency Response Phone 1-800-838-1477	4. Manifest Tracking Number 002398801 JJK	
5. Generator's Name and Mailing Address Lennar More Island LLC 690 Walnut Ave. Suite 100 Vallajo, CA 94592			Generator's Site Address (if different than mailing address) Lennar More Island LLC Nimitz & 11th More Island, CA.			
Generator's Phone: 707 542-1013						
6. Transporter 1 Company Name INC TRUCKING			U.S. EPA ID Number CAR000148809			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address Chemical Waste Management 35251 Old Skyline Road Kettleman City, CA 93239 559-386-9711			U.S. EPA ID Number CAT000646117			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
1.	RQ, Environmentally Hazardous Substances, Solid. N.O.S. UN3077, PG III, (Lead)	001	DT	00018	Y	611
2.						
3.						
4.						
14. Special Handling Instructions and Additional Information Profile #. a) EH0112 Wear Proper PPE When Handling Material.						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded; and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offertor's Printed/Typed Name Roger Luch (Agent for Lennar More LLC)		Signature <i>Roger D Luch</i>		Month Day Year 10/4/12 107		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:				
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name ANTONIO GODINEZ		Signature <i>Antonio Godinez</i>		Month Day Year 10/4/12 107		
Transporter 2 Printed/Typed Name		Signature		Month Day Year		
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number:						
18b. Alternate Facility (or Generator) U.S. EPA ID Number						
Facility's Phone:						
18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. H132	2.	3.	4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a						
Printed/Typed Name James Ward		Signature <i>James Ward</i>		Month Day Year 10/4/12 07		

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number CA000123117	2. Page 1 of 1	3. Emergency Response Phone 1-800-838-1477	4. Manifest Tracking Number 002398802 JJK
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5. Generator's Name and Mailing Address Lamar Mare Island LLC 690 Walnut Ave. Suite 100 Vallejo, CA 94592	Generator's Site Address (if different than mailing address) Lamar Mare Island LLC Nimitz & 11th Mare Island, CA
Generator's Phone: 707-562-1013	

6. Transporter 1 Company Name Simon & Simon Trucking	U.S. EPA ID Number CA0000093229
7. Transporter 2 Company Name	U.S. EPA ID Number

8. Designated Facility Name and Site Address Chemical Waste Management 35251 Old Skyline Road Kettleman City, CA 93239 559-386-9711	U.S. EPA ID Number CA0000646117
Facility's Phone:	

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Vol./No.	13. Waste Codes
1.	RQ. Environmentally Hazardous Substances, Solid N.O.S. UN3077, PG III, (Lead)	001	DT	00018	Y	611
2.						
3.						
4.						

14. Special Handling Instructions and Additional Information Profile #: a) EH0112 Wear Proper PPE When Handling Material
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15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offor's Printed/Typed Name Kruger Lucien (Agent for Lamar MI LLC)	Signature <i>[Signature]</i>	Month 12	Day 12	Year 07
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:				
17. Transporter Acknowledgment of Receipt of Materials				

Transporter 1 Printed/Typed Name CRNESTO SOLORA	Signature <i>[Signature]</i>	Month 12	Day 12	Year 07
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

18. Discrepancy					
18a. Discrepancy Indication Space	<input type="checkbox"/> Quantity	<input type="checkbox"/> Type	<input type="checkbox"/> Residue	<input type="checkbox"/> Partial Rejection	<input type="checkbox"/> Full Rejection
Manifest Reference Number:					

18b. Alternate Facility (or Generator)	U.S. EPA ID Number
Facility's Phone:	
18c. Signature of Alternate Facility (or Generator)	Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)			
1	2	3	4

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a				
Printed/Typed Name Janice Ward	Signature <i>[Signature]</i>	Month 04	Day 12	Year 07

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number CAR000123117	2. Page 1 of 1	3. Emergency Response Phone 1-800-838-1477	4. Manifest Tracking Number 001388157 JJK		
5. Generator's Name and Mailing Address Lemmar Mare Island LLC 690 Walnut Ave. Suite 100 Vallejo, CA 94592				Generator's Site Address (if different than mailing address) Lemmar Mare Island LLC Nimitz & 11th Mare Island, CA			
Generator's Phone: 707 562-1013							
6. Transporter 1 Company Name L.R. FLORED TRUCK				U.S. EPA ID Number CAR000172320			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address Chemical Waste Management 35251 Old Skyline Road Kettleman City, CA 93239 559-386-9711				U.S. EPA ID Number CAT000646117			
Facility's Phone:							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
			No.	Type			
		1. RQ, Environmentally Hazardous Substances, Solid N.O.S. UN3077, PG III, (Lead)	001	DT	00018	Y	611
		2.					
		3.					
		4.					
14. Special Handling Instructions and Additional Information Profile #: a) EH0112 Wear Proper PPE When Handling Material. Site: Nimitz & 11th B386 9016881 # 245 HRC: Dm/a 264204, 19.07							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name Roger Lurch (Agent for Lemmar MA LLC)				Signature [Signature]		Month Day Year 04/12/07	
TRANSPORTER	16. International Shipments: <input type="checkbox"/> Import to U.S. <input checked="" type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:						
	Transporter signature (for exports only):						
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name Michael Hernandez Ramos				Signature [Signature]		Month Day Year 04/12/07
TRANSPORTER	Transporter 2 Printed/Typed Name				Signature		Month Day Year
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	Manifest Reference Number:						
DESIGNATED FACILITY	18b. Alternate Facility (or Generator) U.S. EPA ID Number						
	Facility's Phone:						
	18c. Signature of Alternate Facility (or Generator) Month Day Year						
DESIGNATED FACILITY	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
	1. H132 2. 3. 4.						
DESIGNATED FACILITY	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a.						
	Printed/Typed Name Jannie Ward				Signature [Signature]		Month Day Year 04/12/07

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number CAR000123117	2. Page 1 of 1	3. Emergency Response Phone 1-800-838-1477	4. Manifest Tracking Number 001388159 JJK		
5. Generator's Name and Mailing Address Lennar Mare Island LLC 690 Walnut Ave Suite 100 Vallejo, CA 94592				Generator's Site Address (if different than mailing address) Lennar Mare Island LLC Nimitz & 11th Mare Island, CA			
Generator's Phone: 707 562-1013							
6. Transporter 1 Company Name <i>TRIAIA</i>				U.S. EPA ID Number <i>CA000141606</i>			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address Chemical Waste Management 35251 Old Skyline Road Kettleman City, CA 93239 559-386-9711				U.S. EPA ID Number CAT000646117			
Facility's Phone:							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
			No.	Type			
	1.	RQ, Environmentally Hazardous Substances, Solid N.O.S. UN3077, PG III, (Lead)	001	DT	00018	Y	611
	2.						
	3.						
4.							
14. Special Handling Instructions and Additional Information: Profile #: <i>2H0112</i> Wear Proper PPE When Handling Material Site: <i>Nimitz & 11th</i> <i>B386</i> <i>ERG 1 in a</i> <i>264204.19.07</i>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name: <i>Roger Leach (Agent for Lennar MI LLC)</i> Signature: <i>Roger D Leach</i> Month: <i>04</i> Day: <i>12</i> Year: <i>07</i>							
INTL	16. International Shipments: <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
	Transporter signature (for exports only): _____						
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name: <i>Salvador Zavala</i> Signature: <i>Salvador Zavala</i> Month: <i>4</i> Day: <i>12</i> Year: <i>07</i>		Transporter 2 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____				
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	Manifest Reference Number: _____						
18b. Alternate Facility (or Generator) U.S. EPA ID Number: _____							
Facility's Phone: _____							
18c. Signature of Alternate Facility (or Generator) Month: _____ Day: _____ Year: _____							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <i>H132</i>		2. _____		3. _____		4. _____	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a							
Printed/Typed Name: <i>Jamie Ward</i> Signature: <i>Jamie Ward</i> Month: <i>04</i> Day: <i>12</i> Year: <i>07</i>							

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number CAR000123117	2. Page 1 of	3. Emergency Response Phone 1-800-838-1477	4. Manifest Tracking Number 001388158 JJK	
5. Generator's Name and Mailing Address Lennar Mare Island LLC 690 Walnut Ave. Suite 100 Vallejo, CA 94592			Generator's Site Address (if different than mailing address) Lennar Mare Island LLC Nimitz & 11th Mare Island, CA			
Generator's Phone: 707-562-1013						
6. Transporter 1 Company Name J. J. PEREZ & SONS			U.S. EPA ID Number CAR00015447C			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address Chemical Waste Management 35251 Old Skyline Road Kettleman City, CA 93239 559-386-9711			U.S. EPA ID Number CAT000646117			
Facility's Phone:						
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit WL/Vol.
			No.	Type		
		1. RQ, Environmentally Hazardous Substances, Solid N.O.S. UN3077, PG III, (Lead)	001	DT	00018	Y
		2.				
		3.				
		4.				
13. Waste Codes <div style="display: flex; justify-content: space-between;"><div>611</div><div></div><div></div></div>						
14. Special Handling Instructions and Additional Information Profile #: a) BH0112 Wear Proper PPE When Handling Material. Site: Nimitz & 11th B386 BRG: 1/n/a Z64204.19.07						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offenr's Printed/Typed Name Roger Lurch (Agent for Lennar MIUC) Signature Roger D Lurch Month 10 Day 4 Year 07						
TRANSPORTER INTL	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Francisco Camariza Signature Francisco Camariza Month 04 Day 18 Year 07 Transporter 2 Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____					
DESIGNATED FACILITY	18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____					
	18b. Alternate Facility (or Generator) U.S. EPA ID Number _____					
	Facility's Phone: _____ 18c. Signature of Alternate Facility (or Generator) _____ Month _____ Day _____ Year _____					
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) <div style="display: flex; justify-content: space-between;"><div>1. H137</div><div>2. _____</div><div>3. _____</div><div>4. _____</div></div>						
20. Designated Facility Owner or Operator Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a. Printed/Typed Name James Ward Signature James Ward Month 04 Day 18 Year 07						